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? ' ' * ' @ 3' A ' 2' B ' BC 2D' @2' CB3 ' 3B 2CE' BA'
E 2F23 E1' @ ' ' CG' @ 'EA' 4 'E' 2H2F' I F 2 ' 'EA' 2H2E'
'EB I ' CBF2' E 2F23 E1' @ 'E' I @2E' ' 3 ' I ' ' '3 J' I FB 2') F!'
FEB A' B' @ 3' I 2' E ' , : , % "' 'EA' @B I ' C 'EG' @BK3 'EA3'
L2 BF2' 'EA' 3 E42' @ 'H2' 2MN2F 2E42A' @2' 3 ' C2' 22 E1 ' I @B'
@ 'H2' BBO2A' BF I 'FA' B' ' ' H 3 ' B' BC 2' '3' BE2' B ' @2' 1F2 ' '
2H2E 3' B ' @2 F' H23 ' '3' @2' F2 ' P ' BE' B ' @2' AF2 ' C3 ' 'EA'
BE1 E13' B ' C 'EG' G2 'F3!

E' 'FF H ' ' E' BC 2' 3' H2FG' A 2F2E ' B' @ ' ' E' 'EG' B @2F'
B I E' B ' KFBN2!' ' 3' 4BC E1' B' ' ' N '42' E2 I ' 'EA' G2 ' CB3 '
' C 'F ' 3 F 'E12' 'EA' G2 ' 3B' I 2 ' OEB I E!' @2E' F 'H2 2F3'
'FF H2' ' ' 2FBE ' ' BF' E3 'E42 ' BF' ' ' F 23 ' @2G' 12E2F ' G'
1B' B' @2' ' CN@ @2 ' F23' I @' ' ' 4KF B3 G' B' OEB I ' I @ ' ' @2G'
'F2' O2D' LK ' I @2E' @2G' 'FF H2' ' ' BC 2' 'EA' 1B' B' @2'
B 32KC ' ' 3' B' H 3 ' 'E' BL 24 ' I @B32' 'NN2 'F 'E42' @ '3'
L22E' ' C 'F' B' @2C' FBC' 4@ A@BBA ' 'EA ' BE1' 2F2' '
3' F2 '4@2A ' FBC' @2' @2 1@ 3' B ' @1' A 3 'E ' 'N B ' @2G'
4 'E' F24B1E P2' @2' I 2 "OEB I E' BF C D% 'EA' '3' F21 'FA3' !
(2 2F\3 ' I @B' 3' EB ' ' C 'F' I @' @2' '3N24 ' B ' @2' ABC2 ' B '
@2' I A2"3NF2 'A E1' N 'PP ' ' 'EA' @2' B ' C E1' BKE ' E3 ' BF'
BE1' G2 'F3' L2 BF2' @ G' 4BC2' B' 1 'P2' KNBE' @2' F2 ' G' R

?' G' NF232E C2E ' B ' @2' 2CB BE3' I @' I @ 4@' ' 3@BK A' L2@B A' @2' BC 'E' FK E3 ' @ '3' NFBH2A' SK 2' 4BFF24 J' I B 2' 2LK@F!' ?' B @ E1' 'LBK ' @2C' 3' E2 I ' B' C2' ' '3' ' ' @ A' ' 'G' 3B' B 2E ' BF' @BKF3' B12 @2F ' L2 BF2' @2C' N 4 KF23 ' @' ' @2 F' C '123' I 2F2 ' 2H2E' ' ' @' ' 2 'F G' '12 ' '3' A 3T E4 G' CNF2332A' KNBE' CG' C EA ' '3' ' ' @ 'A' '4 K' G' 322E' @2C!J

2 ' E' 3N 2' B ' @2 'NF232E42' B 'B A' F 2EA3' 'EA' 'EAC 'FO3 ' F 'H2 2F3' I @B' N 'G' '' @KFF 2A' H 3 ' B' BC2 ' 'F2' L2 I A2F2A' LG' @2' H '3 ' C '33' B ' E 2F23 ' L2 BF2' @2C ' LG' @2' 2EA 233' 'LGF E @' B ' C EBF' BL 24 3 ' I @ 4@' @2G' A23 F2 ' BF' 3 ' B 2E2F ' 22 ' ' '' AK G ' B' H 3 !' @2 F' KFF 'G ' @2 F' '2A2O2F ' 'EA' @2 F' F 'A3@' I ' EA 4 ' 2' 'NN' E1' 3 3' B ' 4@KF4@23 ' 2CN 23 ' 'EA' H '3' I @ 4@' BK1@ ' B' L2' 3+2E ' $K ' AB' EB ' A 3 F LK 2' @2C' E' '' C 'EE2F I @ 4@' I ' F2EA2F' @2 F' E3N24 BE' CBF2' 2 '3G!' @2' NFBC 32A' N 2 '3KF2' 322C3' F 'N A G' B' 4@ 'E12' E B' 'E' 2EAT 233' H 3 '' B ' 'LBKF' B' L2' K 2A' 'EA' B ' ' 1K2' B' L2' 1BE2' @FBK1@D' @2E42 BF I 'FA' @2' @BKF3' 3N2E ' ' ' BC2' 'F2' F' @2F' @BKF3' B ' 2EAKF 'E42 ' @ 'E' B ' N 2 '3KF2% @ 3' ' AF' 13' @2' F 'H2 2F' E' BE2' A F24 BE % @ 3' 'E SK 'F 'E' F 2EA ' @ 3' 'F 3 4' '4SK ' E 'E42 ' I BK A' ' E' AF' 1' @ C' E' B @2F3 % @2' 3' 4BE K32A' LG' '44KCK ' 2A' C 3 G' 1 CC2F E13' FBC' @ 3 BF 4 ' ' '4 3' BE42' 2 'FE ' ' ' 34@BB ' LK ' BE1' 3 E42' BF1B 2E % B ' 'F 3 4' E BFC ' BE ' I @ 4@' @2' 22 3' @' ' @2' BK1@ ' B' @ 'H2' 1 2 'E2A' FBC' G2 'F3' B ' 3B4 2 G ' LK ' I @ 4@' FBC' I 'E ' B ' K32 ' @ '3' E2H2F' C 'A2' 'EG' A2N @' B ' CNF233 BE % LG' 3@ 'AB I G' A2 '3' '3' B' @2' 3 BFG' B ' @ 3' U E1' 'EA' @' ' 2CN2FBF ' B ' @ 3' NBN2' 'EA' @' ' 3' E VI @ 4@' FBC' E3K 4 2E ' C2' 'EA' @2' 'LT 32E42' B ' LBBO3' B ' F2 2F2E42 ' 2' @ '3' EB' BNNBF KE G' B ' 4 2 'F E1' KN!' ' 3' @2F2 BF2' E' N2' @BN2' B ' ' A E1' 3BC 2' B ' @232' L2 I A2F2A' BE23 ' 'EA' B ' F2EA2F E1' @2 F' I ' O3' E

BC2' CBF2' 2'3G' 'EA' CBF2' E 2F23 E1' @' ' @2' B BI E1' 4@' O 2F3 'F2' IF 2E!' @2G' ' C' ' ' EB @ E1' BF 1 E' ' 'EA' 'F2' BE G''' 1' @2F E1' KN' B ' @2' E BFC' BE' B ' B @ 2F3' 'EA' '' 1 2'E E1' FBC' I @' ' @'3' L22E' ' F2'AG' 1 H2E' B' @2' IBF A' E' '' 'F' L2 2F' 'E4 ' K 2F ' LK ' 233' NBF 'L 2' BFCD I@ 2 ' E' @2 F' N 'E ' @2G' ' 2CN ' B' 1K A2' @2' F'H2 2F' E' @ 3' A' G' I 'EA2F E13' @FBK1@' @2' 4 G' 'EA' 3' 3KLKFL3!

' CK3 ' EB ' @B I 2H2F ' L2' 3KNNB32A ' @' ' BE2' 3@BF ' F23 T A2E42' ' ' BC2' I ' L2' 3K 4 2E ' B' C 'O2' '' BF2 1E2F' '4SK' E 2A' I @' ' ' 3' H'F 2A' F2'3KF23D BF' 2H2E ' E' CB3 ' 4'323 ' @' ' 3' ' F'4 BE3' I ' L24BC2' 'NN'F2E ' B' @2' N'33 E1' 3 F'E12F!' @2' 3SK' A' 'NN2'F'E42' B ' 3' CBA2FE' 3 F22 3 ' @2' @' B ' 3' L211'F3 ' @2' E4BEH2E 2E423' B ' 3' A' G' 2 ' I ' 2'H2' 'E' CNF233 BE' I @ 4@' I ' 1B' 'F' B' E2K F' P2' @2' 2 24 ' B ' 3' 'E4 2E ' LK A E13 ' 'EA' @2' 1F'EA2KF' B ' 3' @ 3 BF 4' F24B 24 BE3!' ' 3' BE G' LG' F2 KFET E1' '1' E' 'EA' '1' E ' LG' ' BI E1' @2' $ %'B ' BC2' B' 1' E' KNBE' GBK ' I @2E' GBK' @'H2' 4BE3 'E G' F2H 3 2A' @2' 3'C2' H 2I ' @2' 3'C2' 2CN 2 ' @2' 3'C2' N 4 KF2 ' @' ' BC2' 2ET 1F'H23' 32 ' KNBE' GBKF' @2'F ' 'EA' 4@'E123' FBC' '' A 3T '1F22'L 2 ' KE I @B 23BC2' '4SK' E 'E42 ' E B' '' A2'F' 'EA' E C' 2' F 2EA ' 32 ABC' BE1' 'L32E ' FBC' GBKF' @BK1@ 3!' ?' @B2H2F J' 3' A' @' 2'KLF 'EA ' ?'@'3' EB @ E1' 2 32' 2 ' E' 2 ' 3@BK A' 4BC2' B' H2' E' BC 2D @2F2' @2' I ' EA' BF 3B4 2 G' '' 'EA' I @ 4@' I ' EBKF 3@' @ 3' F2 24 BE3 ' I ' O3' I @ 4@' I ' ' I 'G3' 2 ' @ C' 3BC2 @ E1' E2 I!' @2' 3 BE2' I @ 4@' 4FKCL 23' KEA2F' @ 3' 22 ' I ' 3N2'O'' B' @ C' 'EA' 2H2E' @2' AK3 ' I @ 4@' @2' I EA' F 323' K 2F' @ 3' BB 3 N3' I ' 322C' B' L2 'F' I @' ' 3BC2 @ E1' B ' @KC 'E' 1F'EA2KF!J

?' @2E' I 2' @ 'H2' BE42' OEB I E' BC2 J' IFB 2' ' I @BFE2 ' ?' 'EA' 2 ' @2F' I @2F ' 3@2' 23 ' O2' '' BE1"A24 'G E1' 4BFN32

F2 ' E E1 ' F'42 B @2 EBL 2 3@'N2 I'3 LK I @ '44KT CK ' 2A AK3 'EA ' KE1BK3 1FB I @ BH2F3NF2'A E1 'F 3 CBF2 'AC F'L 2 2' KF23% 2 @2F E K 2F I2'F E233 EB ABKL B @2F E'FFB I 4FBBO2A E F 4' 2 3 F22 3 3B KE4B C T BF 'L G N'H2A I @ 2 3SK'F23 B 'H' @' B F2'A BH2F @2C 3 ' N2E 2E ' N 1F C'12 3B EA234F L'L G K1 G CBF2BH2F 3B 4B A 3B ' 2G" O2 E B I @ 4@ @2 3KE E2H2F ' 3 'EA I@2F2 ' 4@ I EA BF423 3 A2'A G LF2' @ E B BKF KE13% 2 @2F F2A B @2 3 1@ B @B32 C C2E32 32H2E"3 BF 2A G2 B I"I'3@2A @BH2 3 BF 4' @2C N' '423 I@2F2 ' @' 3 AF2'FG E ABC23 4 2 322C3 C'1E 2A 'EA CK N 2A 'EA I2'FG B '4 CL E1 @B32 3 ' F4'323 I @ 4@ '342EA FBC ' 1FBKEA" BBF B 4BBO"3@BN3 4BLL 2F3 "3 ' 3 3 'L 23 'EA F21 C2E 3 B 4 H' FG B ' C AA 2 F21 BE B NF E423 4'FA E' 3 'EA 'CL'33'ABF3 'EA E' KNN2F 2F B 'F 3 3 K3 L2E2' @ @2 KE' ' E'L 2 3OG % 2 @2F I BFE BK I @ 3@ H2F E1 ' @2 4@22F 233 'EA 3CBOG F23 A2 LG A'G 'EA 2'3 E1 I @ BKF B I E 3KL3 'E42 @2 F'H2EBK3 NBNK ' BE B ' N!BC'E L2A ' E 1@ % 2 @2F 3 4O ' @2'F B ' 'E F 4O2FG I @ 4@ @'3 KNFBB 2A I @' 2H2F ' @ E C'E 3 E 21F G @'A 2EAKF2A EB I 'EA 3 4O ' 3 BC'4@ B 3BKF LF2'A 3BKF I E2 F'E4 A LK 2F 'EA L'A 4BBO2FG E22A 233 G L23 B I 2A BE 2H C2' 3 % 2 @2F A 31K3 2A I @ @2 NF2 2E42 B @B E233 'EA @2 F2' G B E'3 T E233 2'4@ 2SK' G BCE NF232E % 2 @2F @' 2 233 FBC @2 'E1K A ' CB3N@2F2 @2 H ' NF E4 N 2 B I @ 4@ @'3 L22E K32A KN BE1 '1B BF 4BFFKN 2A LG CGF 'A3 B 3 'K1@ 2F3 % 2 @2F 4FK3@24 AB I E K 3N F LG @2 A23B 'T BE B @2F FK E 'EA @2 @BN2 233E233 B @2F K KF2 % 2 @2F E' 3@BF @' E1 @2F I @' VBKF C 1@ ' 'EA 'AA E1 BKF EA H AK' 4KF32 B @2 E E 2 'F 2C' I @ 4@ @2F B A

4F C23 @'H2 KEC 3 'O2'L G LFBK1@ ' AB I E 0% I@2E I 2 @'H2 2 ' BC 2 E 3K4@ CBBA '3 @ 3 ' I 2 'F2 '3 BE 3@2A LG @2 A 34BH2FG 'LG"'EA"LG ' @' ' BKF @2'F 3 F E13 @'H2 CG3 2F BK3 G ' '4@2A @2C32 H23 B @2 2FE' ' G ' 'EA 'F2 AF' I E1 K3 @ @2F I 'FA '1' E 'D 3 ' ' I2F2 CBF2 'C 'F ' CBF2 E T C ' 2 G BKF @BC2 ' @'E 2H2E @2 3NB ' I@2F2 I 2 I2F2 LBFEW

@ 3 3 @2 ' F'4 H2 'EA 3GCN' @ 4 NB I2F B ' BC2 I@ 4@ GFBE 3B K G 'NNF24 ' 2A%

?' @' BC2 CG 4BKE FG 4 G B ' @2 3BK
@2 BFN@'E3 B ' @2'"@2'F ' CK3 ' KFE B @22
BE2 CB @2F B 'A2 'A 2CN F23 'EA 4BE FBK '
E @2 F 3@K ' LF2 '3 3 @2 F N2 G C 32 "G!
@' ' 'F2 BKF I B23 'EA 3K F'E42 R BC2 'EA 322
@2 4GNF233 ' @2 'F @2 B I ' 'EA N BA GBKF I 'G
(2F 3 2N3 B 'LFBO2E @FBE23 'EA 2CN 23! 2' X
@B32 '1BE 23 'F2 2H 3 B ' '' A 'G%
' I BF A 3 ' ' BKF 22 ' '3 F'1 2 '3 BKF 4 'G!

?' @2 BL2 B 'E' BE3 X @2F2 3@2 3 'EA3
@ A 233 'EA 4FB I E 233 ' E @2F HB 42 233 I 2 D
E 2CN G KC I @ E @2F I @2F2A @'EA3 '
@B32 3'4F2A AK3 ' I '3 34' 2F2A BE1 '1B D
@2 4 N B3(BCL 4BE ' E3 EB '3@23 EB I 'D
@2 H2FG 32NK 4@F23 2 2E'E 233
' @2 F @2FB 4 A I 2 2F3 0 AB3 ' @BK BI
A L2F X @FBK1@ '' C 'FL 2 I A2FE233 R
32 ' I @ @G G2 B I ' I 'H23 ' 'EA C 'E 2 @2F A 3 F233 XJ

@2 CNF233 H2E233 B ' 'E 'FF H' ' ' ' 2 2FE' ' G I '3 BFC2F G 2E@'E42A LG @2 3B 2CE 3 E1K 'F G B ' @2 4BKE FG @FBK1@ I@ 4@ ' I '3 3 B I G 'NNFB'4@2A! ?' @B32 I@B 'FF H2 ' ' BC2 EB I LG @2 F' I 'G J CG3 F3! F'H2E E @2F / EE2 2H2F E (?' 'EA FK3@ O2 ' I@ F I EA E B '' 3 ' BE ' I@ 4@ @'3 EB @ E1 E 3 (3 ' '3N24 ' B A 3 E1K 3@ ' FBC @' ' B

) ' ' *

BE2' B ' @2' CB3 ' BL34KF2' N '423' E' @2' I BF A ' 4 'EEB ' C '1 E2'
@2' 2 24 ' I @ 4@' @2' I BFA3' /' 44B' BC ''() BFC2F G'NFBAK42A '
I @2E' BE' 'FF H E1' ' ' @2' NB E ' . E' @2' FB 'A' FBC' I @ 4XR' @2'
2FE' ' G' 4BK A' L2' A234F 2A' BF' @2' F3 ' C2 ' @2' NB3T
BE' 3 BNN2A' @ 3' @BF323 ' 'EA' NB E E1' ' BK ' B' @2' F'T
H2 2F' E' @2' A 3 'E42 ' NFBEBKE42A' @2C' I @' @' ' BC 'E'
'442E ' I @ 4@' 3' 1F'H2' 'EA' 3BEBFBK3 ' '3' @2' E'C2' B ' BC2' '
32 !J

?' B I ' N 2 '3 E1 J' 3 'G3' 'FA E' ' 32C 'E ' ?' I '3' @2' K3K' '
EA 4 ' BE' B' 2 'F G' F'H2 2F3 ' LG' HB 42' 'EA' BK 3 F2 4@2A'
I @ N ' 2CLBA 2A' E' @2' I 2 "OEB I E' 2M4 'C ' BE' B ' 2H2FG'
H2 KF EB ' / 44B' BC '!() B' BE2' / '33B' C 'F 3' 2 ' H 'FKC ()
O2' BF '42 ' @232' I BFA3' LFBK1@ ' @2' F3 ' NFBC 32' B ' 'NT
NFB '4@ E1' F23 !' ' 2 I ' CBF2 E 23' B ' I 2 'FG'@ 3 ' 2H2FG' BE2'
B ' I @ 4@ ' FBC' 3' 3KCC ' 1 'H2' '' CBF2' 3 I 2 E1' 'EA' C ' 23 4'
BK E2' B' I @ ' ' 3B' 'F' 4BE3 K 2A' / BC ' () @ ' ' 3 ' @2' 1F2 ' '
KNB ' ' EB ' B ' @2' 4@KF4@ ' LK ' B ' @2' 4 G ' 3' BE G' A 342FE L 2'
N 'F ' 4K E1 ' O2' '' @K12' N2 'O ' E B' @2' 4 2 'F' I E 2F' 3OG '
'EA' @2' BE1' BKFE2G' I '3' 2EA2A ' 'EA' 2EA2A' LG' @2' K '
F2 ' P ' BE' B ' Z I 2 "4@2F 3@2A' @BN23!J

B3 ' F 'H2 2F3 ' N2F@ 'N3 ' E' @2' B A' A 'G3' 4 'C 2' LG' 32' '
FBC' 'F32 23' 'EA' 'FF H2A' FBC' H '' 244@ ' ' LG' @2'
AF2 'FG' FB 'A' I @ 4@' 2 'A3' @FBK1@' (' B ' 'EA' E2 'F' @2' L '32'
B ' @2' @ 3' KNBE' I @ 4@' 3 'EA3' 2FH2 F ' @2' 'E4 2E ' '2F2 '
FBC' @2' KE4 BE' B ' I @B32' E ' C 2' 'EA' 4K3 BC3' @2' I BFA'
?' 42F2 C BEG' J' @ '3' 'F 32E % 3B' 23N24 ' G' K32 K ' E' @2' 1F2 ' '
E2 1@LBKF E1' 4 G!' ?' @ 3' FB 'A' FBC' H '' 244@ ' J' I F 23!'
33' A I ' FA3 ! @2' ' 2E 2A' 'K @BF233' B ' / 'FL 'F' ()3' 3T
BFG () ?' 23' ' CBE1' 3@ 'N2 233' @ B4 3 ' 3@ '11G' I @' LK3@'
'EA' LF 'F!' 'F' ' I 'G' BE' BE2' 3 A2' 1 2 'C3' '' E2' B ' 3B '
L K2' 32 '% BE' @2' B @2F' 2' CBKE ' E3' '3' L K2 ' LK ' EB ' CBF2

A 3 'E !' B ' '' 3BKEA' 3 F3' @2' 3 '1E'E ' ' F!' B ' '' F22 '
EB '' @BK32 BN ' LF2 'O3' @2' I A2' CBEB BEG!' @2' AK3 ' 23'
L2E2' @' @2' I@22 3' O2' '' 4'FN2 ' 'EA' B B I 3' O2' '' 4 BKA!'
@2' 1F'33' 3' G2 B I ' @2' I 22A3' 'F2' N'F4@2A0 'EA' I@2F2'
@2F2' @'H2' L22E' I 'G3 A2' NBB 3 ' @2' 1FBKEA' 3' 4F'402A' 'EA'
AFG!' B I ' I 2' N'33' '' 4FKCL E1' F'1C2E ' B ' 3BC2 @ E1'
@' ' C 'G' @'H2' L22E' '' BCL' BF' 2CN 2 ' 42E KF 23' '1B!' B I '
I 2' 4BC2' KNBE' '' 2' I A2"2G2A' N2'3 'E ' LBG ' O22N E1' 1B' 3'
'CBE1' @2' FK E3 ' O2' * B B' B ' B A!' (F232E G' '' LK ' B'
3' @ 3' L '4O' C 'E2' 'LBH2' @2' E2 1@LBKF E1' @ B4O ' 'EA'
FK3@23' ' I 'G' L2 BF2' I 2' 4'E' AB' CBF2' @'E' NB E ' B' @2' 3NB '
BE' I @ 4@' I 2' 3' I ' ! @K3' @2' A'G' ' ' E3' 3' EBBE ' 'EA'
@2' 3KE' @'E13' BH2F@2'A' O2' '' LF'P2E' 3@ 2 A ' LF 'E ' LK '
4B A!' @K3 ' BB ' I 2' F2'4@' O2' LFB I ' B ' '' BE1' 'EA' 3 22N'
'342E ' I@2F2' BKF' AF H2F' NK 3' KN' B' F23 ' @ 3' I 2'FG' L2'3 3!'
@2' 32'' @'3 EB I ' 'A2A' ' CB3 ' BK ' B ' 3 1@ / @2' CBKE ' E3'
BBO' 'F12F' 'EA' E2'F2F ' I @' 3 F2'O3' B ' 3EB I ' KNBE' @2 F'
3KCC 3 ' @2' 'CN'1E'' F2'4@23' BE' 'EA' BE' 'EA' 3@B I 3' EB'
3 1E' B ' C ' BF' B ' H2FAKF2 % I@ 2 ' E' @2' C A3 ' B ' @2' 4 2'F'
=' F' @' ' I 'G ' 3B' ' I BK A' 322C ' L2 I 22E' GB 'EA' @2' NKFN 2'
'L E2' F'E12 ' F 323' BE2' 3B 2CE' 3B 'FG' ABC2!' 'E' ' L2'
@2' ABC2' B ' ! (2 2F{3 R J

@2' 1F2' ' 2' KF2' B ' @2' H '' 244@ '' FBK 2' I '3' @' '
' 2F' ' ' @2' K 2F' A23B ' BE' 'EA' AF2'F E233' B ' C 'EG' C 23'
B ' @2' 2'3 ' E 2F23 E1' N 'F ' B ' @2' 'CN'1E' ' @2' F'H2 2F'
I '3' ' CB3 ' 3 KEE2A' LG' @2' F'E3 BE ' I@2E' BE' 3KAA2E G'
N'33 E1' @2' (BF '' 'H' 211 2F ' @2' BKEA' @ C32 ' E' @2'
('PP'' B ' ! (2 2F{3' I @' 3' I A2"3NF2'A E1' 4B BEE'A23 '
'EA' @ 1@"3NF E1 E1' BKE ' E3' D [EA22A' @2' F3 ' LK A E1' @2'
3' I ' I '3' ! (2 2F{3' @2' F3 ' @BK32' @' ' B ' @2' (BN2 ' @2'
N' '42' B ' @2' ' 4' D ! K ' @2' CBF2' 1F'AK' ' 'NNFB'4@' LG

'EA FBC 2FLB 'EA K34'EG NB332332A 2SK' EB 3KN2F BF E 2F23 f -

2 @2E I 2 KFE2A @2 3KCC ''LBH2 2FLB J IFB 2)F! FEB A ? 'EA BN2E2A BE @2 H 2I BE @2 B @2F 3 A2 C 1@ L2 4' 2A @2 F3 'NNFB'4@ B BC2! @2 A 3 'E42 B CBF2 @'E BF G C 23 I'3 B 4BKF32 CNB3T 3 L 2 B 322 @2 BIE 'EA L23 A23 @2 A 3 'E42 I'3 @'PG/ LK I 2 I2F2 BBO E1 BE @2 342E2 B @2 BC'E @ 3 BFGD I 2 I2F2 3 'EA E1 BE @2 BK I 'FA 2A12 B @2 F'C2 B @2 1F2' N 4 KF2 'EA @BK1@ @2 2' KF23 B I2F2 EB B L2 F'42A A 3 E4 G G2 I 2 @'A @2 4BE34 BK3E233 @' @2G I2F2 L2 BF2 K3! 2F2 BB I 2 F3 3'I @2 2A 2FF'T E2'E @2 L'E @ 3 @ EO E @2 F2CB 2 A 3 'E42 'EA 3 !2E2' @K3 BE @2 2 BF'4 2 'E BK 2F B @2 N2E" EK 3 I@4@ @'3 1B B @2 F 1@ L'EO B @2 L2F 'EA 3 'EK3 BK LG 32 CB3 C'1E 42E G! B32 KEA2F K3 E FBE I'3 @2 C E 'E 'O2 @2 4F' 2F B 'E 2M E4 HB 4'EB 3KFFBKEA2A '3 @2G ' 'F2 I @ @2 F L'3 E B IBBA2A @ 3 'EA G E1 O2 '' L2'K K C FFBF 3 F2 4@2A BK L2 BF2 K3! V @2E @2F2 I'3 @2 1F'EA L2'K G B ' 'E 342E2FG @2 A2N @ B @2 H' 2G3 @2 2EA 233 H' 2 G B @2 CBKE 'E BK E2 'EA @2 BIE3 N2F4@2A BE @2 CBKE 'E 3KCC 3 'EA @ 3 EB I 322E KEA2F '' CB 2A 3OG I@4@ @F2I 'E 2H2F"H'FG E1 1@ 'EA 3@'ABI BH2F @2 H' 2G L2E2' @!'EA ' @2 F23@E233 B @2 GBKE1 3NF E1! 2 A2342EA2A ' BE1 BE2 B @2 F C3 B @3 'O2 B BE4 1" BE2 'EA FBC @2E42 3 A2342EA E1 BE @2 I@B 2 B BE 2FB3 ! 2F2 @2 'CBK3 'E N'1E'' L21 E3 'EA 42F ' E G 3 BE2 B @2 CB3 3 O E1 F'4 3 B 4BKE FG 2H2F L2@2 A! 3 LG EB C2'E3 'N2F 24 ' 2M42N L2 I22E BC2 'EA @2 32'D LK F' @2F O2 U0@2 '13@B 2' @

4BKE FG ' F A123 B ' @ 3 I @ E 2FC2A ' 2 H' 2G3 ' 'EA @2 FB B 2E FKEE E1 L2 I 22E @ 1@ 3 22N L 'E03 ' 'EA 3BC2 C23 4FB33 E1 3 K11 3@ 3 F2 ' C3 3KEO E ' ' A22N L2A! ' @232 L 'E03 'F2 BH2F1FB I E I ' LFBBC ' EB I ' ' E K ' B I 2F \ 'EA @2 3 ' C2 N 'E ' I '3 KMKF 'E ' 2H2FG I @2F2! @2F2 322C2A EB 'NN' F2E ' F2 ' 3BE I @G @2 4BKE FG 3@BK A L2 3B A23B ' 2 @2 1F' 33 I '3 1FB I E1 F 4@ G 2H2FG I @2F2! @2F2 I '3 EB C 'F3@ 'EG I @2F2 H 3 L 2 ' LK ' ' BBO2A '3 F23@ 'EA @2 @G '3 'EG B ' BKF 4@ ' O AB I E3 E E1 'EA! K ' ' 3 ' ' I A2 I A2FE233 EB H '123 ' 34 'F42 G 'EG @BK323 ' 'EA @2F2 'EA @2F2 ' ' BE2 G FK E B ' ' 3 E1 2 3SK 'F2 B I 2F ' I @ 4@ ' 3KNT NB32 K32A B 32FH2 '3 3 FBE1@B A3 BF C2E 'EA 4 ' 2 E @2 N KEA2F E1 I 'F 'F2 E @2 C AA 2 '123! ' I '3 ' 2F 4FB I E E1 @2 BN B ' BE2 B ' 232 E23 B ' @ 3 ' ' 2 B@ @2 BC 'E 3 A2 B ' '44 'EB ' ' H2 C EK 23 ' 2F 3 M '44BFA E1 B CG I ' 4@ @ ' ' I2 @ 'A @2 F3 ' H 2 I ' B ' BC2 32 ! ' 2MN24 2A B 322 ! (2 2F(3 F 3 E1 ' LBH2 @2 E2 B @2 @BF PBE ' '3 BFO E3 2F AB23 ' LK ' E3 2 'A B @ ' ' I '3 I @ E @2 @BF PBE ' 'EA 3B I '3 CK4@ 233 4BE3N 4KBK3 ' 'EA FBC @2 E ' KF2 B ' @2 1FBKEA ' ' BBX&2A C2 'E 'EA 3 KCNG! B @ E1 2 32 C 'FO2A @2 3 2 B ' @2 4 G ' LK ' @2 F223 B ' @2 1 'FA2E3 'EA ' ' EKCL2F B ' I @ 2 H '3 3N240 E1 @2 BNNB3 2 L 'EO B ' @2 L2F BF 3BC2 2 A 3 'E42 'LBH2 @2 BKC ' 'EA @2E 3KAA2E G 42 '3 E1! K ' @2 I @B 2 342E2 @ ' ' LKF3 ' KNBE BKF H 2 I ' I @2E 'O2E E ' ' 3 N 'F 3 ' I '3 CB3 ' E 2F23 E1! K ' E FBE ' FB32 @2 L 'E @ 3 ' @2 I @ 2 H '3 BE @2 F 3 A23 A 3 E4 G H 3 L 2 ' 2H2E ' ' @ ' ' A 3 'E42 ' I @ 4@ I '3 CBF2 @ 'E @ F G C 2 ' E @2 2 ' I 2F2 @2 N2EE E23 ' 'EA H ' I '3 A 3 E4 G B L2 322E BE @2 3KCC ' B ' 3 CBKV ' E ' BE BE2 B ' @2 B I 23 ' 'EA E2 'F23 ' N 'F 3 B ' @2 2@ E! E @2 F 1@ ' 'EA ' ' L2 BF2 K3

'G @2 'CN'1E' I@B32 N2F 24 G 2H2 BK E2 I'3 3KBF 422A2A LG @' B @2 32' I@ 4@ I'3 34'F42 G CBF2 3B!W L21'E EB I B 12 A'FO 'EA '3 @2F2 3 @'FA G 'EG I 1@ I'3 A'FO 3BBE ' 2F I2 2 ' BF ' @2 '3 3 L2 BF2 GBK 2E 2F BC2! @2 ' F L 2 I F23@ 'EA 4BB ' 'EA I2 @'A ' N 2'3'E AF H2 BH2F @2 F2C ' E E1 N'F B @2 'CN'1E' I2 A2342EA2A E B @2 H' 2G B @2 L2F 'EA 4FB332A LG @2 H 'E LF A12! LBK I B C 23 KF @2F BE I2 F2'4@2A @2 I' 3 B BC2 'EA 2E 2F2A LG @2 (BF '' A2 (BNB B!J

2LK@F 4BC E1 @2 3'C2 I'G 3'G30% ?' I'3 I @ 3B 2CE 22 E13 @' @ 3 CBFE E1 FBC @2 L'FF2E @2 1@ 3 B @2 CBBFG 'CN'1E' F3 4'K1@ 3 1@ 'B @2 4KNB '' B ! (2 2F\3 'EA @2E B @2 A G FBC @2 LF A12 I@2F2 ' @2 C' 23 G B @2F LK A E13 'EA @2F @ 3 BFG 322C3 B 2 3NF2'A BK L2 BF2 @2 2G2 B @2 3 F'E12F\ 'EA ' 2F I'FA3 2E 2F2A LG @2 (BF '' A2 (BNB B!J

'A'C2 A2 '2 1 H23 K3 @2 CNF233 BE I@ 4@ @2 3'C2 3KL 24 IBK A NFBAK42 BE '' A 2F2E GN2 B 4@'F'4 2F0% =

?' 2'4BC 2 A\ F 2K ' ' 3' A2'4BC SK23 'C2E BE3 3KF 23 2EH FBE3 A2 BC2! >KB A 3' " NB E A2 C' 3BE A2 4'CN'1E2 NB E A2 HB KF2 F 2E SK 'EEBE42 2 HB 3 E'12 A\KE2 1F'EA2 H 2\ @\ LBE) 2K SK2 2 F 3 2332\ E 'NNFB4@'E A2 BC2 23 NB3 BE3 3\ 4F 2F2E 'H24 F'E3T NBF \ ) 3 4' 5 3 4' + 60 #7' 89 # $ 7 0(! '0' 23 'NB ' E3 CBE F2E 'K33 2 23KH2\ 2 '' C2F ' A2 C C2 \BF1K2 A23 @'L 'E3 A23 4B 23! E 4FB F' HB F 2 ABC2 A23 EH' A23 3\&FU] 2 4BC 2 A\ F 2K !J

I'3 LG @3 'NNFB'4@ @':' CB3 B 3 A 3 E1K 3@2A N 1F C3 @'H2 2E 2F2A @2 4'N ' B @2 ' @B 4 IBF A0

") : " .

CBEO3 ' I @B' 4 ' C2' @ @2F' B' BL ' E' @2' BKEA ' BE' B ' @2 F'
F4 F3D 3 ' E 3 ' I @B' @ F3 2A' B' I BF3@ N' ' ' @2' 3@F E23' B '
@2 F' NF2A24233BF3 ' BF' I @B' 4 ' C2' B' F242 H2' @2' 4FB I E' B '
C ' F GFABCD NF 23 3' ' EA' L 3@BN3' FBC' A 3 ' E ' 'EA3 "% C ' EG'
4BC E1' E' KFE' B' F242 H2' @2F2' @2' @ 1@23 ' A 1E G' I @ 4@'
@F 3 2EABC' 4BK A' B 2FD O E13' ' EA' 2CN2FBF3 ' B' ' 3O' 4BFBT
E ' BE' ' ' @2' @ ' EA3' B ' @2' F2 1E E1' NBE "D ' EA' ' CBE1' ' '
@232 ' 4 ' C2' LG' @ 3' FB ' A ' E' @2' K ' 2FHBKF' B ' ' @B 4'
2E @K3 ' 3C ' ' F E' K @2F ' @2' K KF2' 2E2CG' B ' BC2 ' @2E'
3' A2HB 2A' ' A@2F2E ' ?' @2E' K @2F' 4 ' C2' B' BC2 J'
3 ' G3' CN2F2 ' E' @ 3' / (BF F ' 3' A2' BC2' @') H2F3' 123 (
? @2' K KF2' F2 BFC2F' I ' 3' ' ' GBKE1' CBEO ' BL34KF2' ' EA'
2FH2E D @2' @ ' A' EB' NF232E C2E ' I @2E' @2' 32 ' BB ' E' @2'
1F2 ' ' ' LG BE ' @ ' ' 2E' G2 ' F3' ' 2F' @2' I BK A' LKFE' @2' LK '
B ' @2' (BN2' E' @2' NKL 4' 3SK ' F2' B ' 2EL2F1!' 3' @2 ' F '
2MN2F 2E42A' EB @ E1' LK ' N BK3' 2CB BE3D @2' ' AAF2332A' B'
BC2' E' 3 ' K ' BE' @2' ' E4 2E ' @GCE' B ' @2' N 1F C3' D @2'
4F 2A ' / ' 3 ' K 2' @22 ' ' @B G' BC2 ' BC2' H2E2F ' L 2'
@FBK1@' @2' L BBA' ' EA' @2' BCL3' B ' F2' C ' F GF3!(K ' ' 2F'
@ ' H E1' NFB3 F ' 2A' BE' @2' @F23@B A ' @2' F' 2A' @ C32 ' @2'
2E 2F2A' E B' @2' 2CN 2 ' @2' A A' EB ' EA' @2' * BA' @2' BBO2A'
BFD @2' 4 G' B ' @2' 3 ' E 3' ' EA' C ' F GF3' I ' 3' ' ' 4 G' B ' CKFT
A2F2F3' ' EA' NFB3 K 23!' @2' ' F 3' I @ 4@' C ' FO2A' @ 3' 4BFFKNT
BE' I 2F2' NB I 2F 233' BH2F' @2' 3 B A' 32E323 ' ' EA' 34 ' EA' 32A'
@2' ' K3 2F2' 3N F ' B ' @2' * 2FC ' E' C BEOD @2' 34 ' F42 G' 1 ' H2' ' '
N ' 33 E1' 1 ' E42' ' ' @2' FK E3' B ' N ' 1 ' E' BC 2D% ' EA' E I ' FA G'
@BFF 2A' LG' ' ' @ ' ' @2' 3 ' I ' @2' SK 2A' BC2' E' ' ' F ' C2' B '
C EA' H2FG' A 2F2E ' FBC' @ ' ' I @ 4@' @2' LFBK1@ ' I @' @ C ' D
@2' OE2 ' @2E' I @ ' @2' A2HB 2E' B ' @2' N 1F C3 ' EB I ' @2'
F2 KFE2A' E' ' ' A 3NB3 BE' ^ 2 ' @ ' ' B ' @2' $ 6' B ' @2'
AA 2' 123 ' LK ' CB 2 32F BK3' @ ' E' @2 F3!' @ 3' BC 2' B

I @ 4@ @2 @ 'A L22E @2 AKN2 'EA 4BE42FE E1 I @ 4@ @2 I '3 A 3'LK32A 3@BK A @2 'F B @ C ' 1' E @2 A 'G IBK A 4BC2 I @2E ' C A @2 C2FFG B '3 3 ' @ 3 'L 2 ' @2 IBK A 4FG F22 C23 / IBK A EB @ 'H2 C 332A 1B E1 B BC2 BF ' @BKT 3'EA BF E3 BF 3@BK A ' I 'G3 @ 'H2 L22E KE2 '3G 23 3@BK A @ 'H2 L22E F2EA2F E1 E K3 42 B @2 (BN2!J

@2E BE2 3 E BC2 2 322C3 B L2 F22 FBC C 'EG B @2 N2 G FBKL 23 I @ 4@ L232 E B @2F N '423 @2F2 3 EB BF2 1E BIE I @ 4@ B 2F3 3B C 'F G 4BC BF 3 'EA 'AT H 'E '123 B 3 E1 3@ H 3 BF3! @2 @B 2 3 EA22A 'F2 2EBFCBK3 G 2MN2E3 H2 'EA @2 F2E B 'N 'F C2E 3 3 @ 1@ LK I @2E @2 ' 2F 3 BE42 N ' A H E1 3 F ' @2F 4@2 'N @ 'E B @2F I 32 23N24 ' G BF @B32 I @B AB EB BL 24 B A E2 FBC ' 0 700 7 'EA B AF H2 E @ '4OE2G 4 'FF '123!

@2 4 C ' 2 B BC2 3 H2FG H 'F 'L 2! 6 L B I 3 3 C A 'EA H2FG F2 'M E1 LK @2 I E 2F3 'F2 CBF2 'N B L2 3KL 24 B @2 32H2F2 4B A B @2 0 7 07 7 I @ 4@ F2SK F23 2H2E 1F2 ' 2F NF24 'K BE 'EA 4 'F2 @ 'E @ ' B ' 'E E1 3@ I E 2F! B @ E1 4 'E L2 CBF2 C 3 '02E @ 'E @2 CNF233 BE @ ' @B32 I @B 1B B ' G 'F2 3KF2 B EA @2F2 ' C A 'EA 4BE12E ' 2CN2F ' KF2! @2 4 C ' 2 B BC2 @ '3 L22E 3KL 24 B 32H2F G 2H2E FBC @2 2 'F 23 C23 B 3 @ 3 BFG!) BEG3 K3 3N2 'O3 B BE2 G2 'F E @2 C2 B @2 F2NKL 4 I @2E @2 3EB I ' BC2 'G 32H2E 22 A22N 'EA C 'EG C2E 'EA 4 ' 2 A 2A B @2 4B A! EB @2F G2 'F @2 3EB I 'G BF BF G A 'G3 F223 N2F 3@2A 'EA 4 ' 2 A 2A @KE12F! (F232E C23 'F2 ' 1F2 ' CNFBH2C2E BE @2320 3EB I +32 ABC 23 KNBE @2 1FBKEA BF C 'EG @BKF3 B12 @2F 'EA @2 L2 'K K LKE ' E3 B @2 4 G 'F2 BE G @KE1 I @ 4 4 23 BE1 2EBK1@ 4 ' BI @2 N@B B1F 'N@2F3 B

;') BEG3 K3 'M ! ! HG 7!

F2NF232E ' @2C' @K3D' LK ' 3 ' @2' 4 C ' 2' 3' EB ' B' L2' F 2A'
I ' 'EA' H B 2E ' F'E3 BE3' FBC' @2' @B ' 3KE3@ E2' B' @2'
4B A' 3@'A2' B ' @2' 3 F22 3' B 2E' NFBH2' ' ' !' ? B' BE2' LK '
AB13' 'EA' E1 3@C2E J' 3'G' @2' BC 'E3 ' ? 2H2F' I ' 0' E'
@2' 3KE!J' =

@2' 7#7 7' I @ 4@' 3' 3B' CK4@' AF2'A2A' LG' @2' E' H23'
23' ABFC 'E ' AKF E1' @2' I E 2F' CBE @3 ' 'EA' 32 ABC' ' 24 3'
3 F'E12F3 ' KE 233' @2G' 'F2' EBFA E' 2 G' CNE A2E ' E' 3 E1'
BK ' E' @2' 3KE32 ! @' @2' @2' 3' B ' @2' ' 2' 3KCC2F' @ 3'
E3 A BK3' '1K2" 2H2F' 3' 'N ' B' B B I ' BE' @2' 3 1@ 23 ' 2M2F BE '
'EA' N 'F 4K 'F G' B' BH2F I @2 C' @B32' I @B' 'F2' 2CN BG2A' E'
2 A' 'LBKF!' FBC' UKE2' B' BH2CL2F' @2' '' BF1@232'
'EA' @2' '') BF '' 'F2' KE E@'L 'L 2 ' 'EA' @2' CBF2' A2T
32F 2A' @ 3% @2' B2 'E ' @2' H2E E2 ' 'EA' @2' 1F2 ' 2F' N 'F '
B ' @2' 3SK E2 % 'F2' '' 4BE3 'E 'NF2G' B' 2H2F!' @2' C ' 'F ' '
@B I 2H2F ' 23' L2 BF2' '' 4FB I A' B '@KC 'E' 2 ' 'EA' @2' * @2 B '
I @ 4@' 3' BH2F I @2 C2A' I @' 22C E1' E@' 'E 3 ' 3' N2F 24 G'
F22' FBC' ' E' @2' 4 'CN '1E ' % I @' @2' 2M42N BE' B '
(BF B' A\ EP B ' I @ 4@' @ '3' ' I 'G3' L22E' @2' @G % EB' B I E' BF'
H '12' 3' 3 ' 2 ' 2F' @2' CBE @' B ' K1K3 ' 'E ' B' @ 3' 4 'K32'
@2' K 2F' A23B ' BE' B ' 3B' C 'EG' BFC2F G' NBNK BK3' 3 23'
23N24 ' G' @B32' B ' 2 ' 'EA' * ' 2F' ' E 'G' L2' ' F LK 2A' 0%

2 ' BC ' ' HBF 'M' @BC EKC ' ABC ' ' 'FAK '' 4B '' H FBF ' C' D
BC ' ' 2F 'M' 2LF C ' E24 3' 23 ' KL2FF C '' FK1KC' 0
BC 'E' 3' 2LF23' 3 'L ' 3KE ' KF2' A2 23!J

@K3' I FB 2' (2 2F') ' C 'E' E' @2' B @' 42E KFG ' 'EA' @B32'
I @B' F2 K32' B' L2' BE' @2 F' 1K 'FA' I ' EA' ' 3B' 3 !

@2' 1F2 ' 23 ' F 30' ' ' BC 2' 3' E4KFF2A' LG' @B32 ' I @B '
4BC E1' BK ' B ' @2' @B ' 3KE3@ E2 ' 3N2EA' BE1' @BKF3' E' @2'
' 4 'E' 'EA' @2' B @2F' 1 2F 23 ' I @ 4@' 'F2' 2A' I @' ''
A2 'A G' 4@ ' AKF E1' L2' I E 2F' CBE @3!' 3' 'F4@' 4BC 23' BE

MM ') -' ' -

@ 3' 4@ ' I 2 'F3' ' I 'G ' 'EA' E' NF ' 'EA' 'G' @2' 2CN2F' KF2' B ' @2' 1' 2F 23' 3' A2 1@ K ' 'EA' ' 3' CNB33 L 2' B' '' CBF2' '1F22 'L 2' F2 F2' !' ' 3' E' @2' @BN2' B ' EAK4 E1' 3 F 'E12F3' B' 3N2EA' CBF2' C2' E' @2' 3 KAG' B ' @232' I BEA2FT K ' CK32KC3 ' 'EA' B '1 H E1' 'AA BE' ' E 2F23 ' B' @2' @BKF3' I @ 4@' 'F2' N '332A' @2F2 ' @' ' 3B' CK4@' 3' 3' A' 'LBK ' @2 F' 4BE 2E 3' E' @232' H4 KC23!' 3' 'F' '3' NB33 L 2' ' @'3' L22E' A23 F2A' B' 2H 'A2' 'EG' C2F2' 4' ' B1K2' B ' @2 F' 4B 24 BE3 % ' 3B' @' ' EB' C2E BE' @'3' L22E' C 'A2' B ' BL 24 3' I @ 4@' NB33233' E 2F BF' 'F 3 4' BF' @ 3 BF 4' ' E 2F23 D I @ 2' LG' E FBAK4 E1' 'E24AB 23' 4BEE24 2A' I @' @B32' B' I @ 4@' ' 2E BE' 3' AF' I E!' F' LG' SKB E1' @2' BN E BE' B ' 3BC2' 1BBA' 'K @BF G' 4BE42FET E1' @2C ' 'E' 2EA2 'HBKF' @'3' L22E' C 'A2' B' M' @2C' E' @2' F24B 24 BE!'

B' CK4@' @'3' L22E' I F 2E' 'LBK ' BC2 ' @' ' E' SKB E1' "BF'' @2' F2C 'FO3' B ' B @2F3' @2' 1F2' ' A 4K G' @'3' L22E' 32 24 BE % 'EA' @2' FK 2' @'3' L22E' B B I 2A' @' ' @2' CB3 ' 2 'FE2A' LBBO3' 'F2' EB ' ' I 'G3' @2' CB3 ' E3 FK4 H2' BF' @2' CB3 ' E 2F23 E1!' !' B' 2EA2 'HBKF' @'3' L22E' C 'A2' B' 2E 2F' E B' A22N' 'F4@'2B B1 4' ' SK23 BE3 % B' A2 E2' @2' 2M '4 ' C 3' B ' @2' ' 3' B ' 2FH K3' K K3 % BF' B' @'P 'FA' '' F23@' BN E BE' '3' B' @B I ' @2' 2 'F @' '44KCK ' 2A' E' @2' BC 'E' BFKC ' BF' I @2E42' @2' NB 2FG' 4 ' C2 ' BK ' B ' I @ 4@' @2' BE 2' 23 '24 B' @'3' 'F 32E D LK ' ' @'3' F' @2F' L22E' 3BK1@ ' B' 1' @2F' KN' 'EA' NF232E ' B' @2' F2 'A2F' 3K4@' '' 3K44233 BE' B ' BFA' N 4 KF23' FBC' H 'F BK3' 'K @BF3 ' '3' C 'G' EB ' BE G' C 'O2' @2' 342E23' B ' BC2' CBF2' E 2F23 E1' ' ' @2' C2 ' LK ' C 'G' A22N2E' @2 F' @ENF233 BE' ' 2F I 'FA3!' @ 3' I '3' @2' I BFO' I @ 4@' @2' ' 2' K3 F BK3' ! CN@F2' E 2EA2A' B' 4 'FFG' BK ' 'EA' I @ 4@' @2' I BK A' @'H2' ABE2V3B' CK4@' L2 2F' 'EA' CBF2' K G!

FBC @2 2MN2F 2E42 B C 'EG G2 'F3 @2 IF 2F 4 'E FK G 3 'G ' @2 CBF2 E C ' 2 G @232 342E23 L24BC2 0EB I E @2 CBF2 A22N G @2G L24BC2 2E1F 'H2E KNBE @2 ECB3 ' 24 BE3! 3 EB ' '@KFF 2A H 3 B @2 B 32KC I @ 1K A2 LBBO 'EA 4 42FBE2 I @ 4@ I 2E 'L 2 BE2 B AF EO E @2 K E233 B 3 L2 'K G LK ' BE1 'EA 'C 'F F 2EA3@ N I @ 3 3B 2CE I ' 3 E @2 2H2F"H 'FG E1 1F 'EA2KF B 1B A2E 3KE 1@ 'EA 1F2G 3@ 'AB I % ' 2F C 'EG A 'G3 4BCN 'T E BE3@ N 3 3 BE23 L24BC2 A2 'F '3 @B32 EB B @2F LK A E1 2H2F 4 'E L 2 % 'EA 3 EB ' F 'N A E3N24 BE B @2 @K12 4@22F 233 L '3 4 '3 'EA 4@KF4@23 I @ @2 F 1 'KAG C 'FL 23 'EA 1 A2A 42 E13 'EA "3K 2A CBEKC2E 3 I @ 4@ 'FBK323 GBKF 3G CN ' @G LK @2 BE1 EH23 1 ' BE B @2 F NF24 BK3 F '1C2E 3 B ' ' 2E 4 B 3 2F 'EA 34K N KF2A BKE ' E % B CBK A2F E1 F234B 'EA C2A '2H' BCL % B CB3 ' 4"4FB I E2A 1 ' 2 I 'G 'EA N ' C"3@ 'AB I 2A 1 'FA2E % 'EA @2 1F 'AK ' G"'4SK F2A OEB I 2A12 B @2 I BEAFBK3 3 BFG I @ 4@ 4 E13 'FBKEA 2 '4@ B @232 'E4 2E @ E13 'EA I @ 4@ 2 3 @B I 2 '4@ @'3 ' CB H2 'EA C2 'E E1 2E F2 G KET 3K3N24 2A 'EA KE322E LG @2 N '33 E1 2G2

@2 CC2E32 2M 2E B BC2 'EA @2 I A2 A 3 'E423 B L2 F 'H2F32A L2 I 22E 3 A 2F2E FK E3 'EA 4@KF4@23 3 E 32 ' 3K 4 2E F2 '3BE BF A2HB E1 CBF2 C2 B @ 'E B @2 B @2F 4 23 B ' G! KFNF 32 I ABKL 233 L2 2 @ ' 3B 2 I N '1 'E FK E3 F2C ' E 4BE3 A2F E1 @2 2EBFCBK3 EKCL2F I @ 4@ 'F2 OEB I E B @ 'H2 2M 3 2A 2H2E AB I E B ' 4BCN 'F ' H2 G ' 2 N2F BA! CBEKC2E ' F24BFA B !) !! \ :< NKL 3@2A LG 'FA E ' ' C2E BE3 9 :' 3 F22 3 9 'N B 3% @2 'FN2 'E 'EA @ BE @2 >K F E ' % , < 1 3 ' K23 B @2 1BA3 BE G 2F4K 23 F2C ' E3 ; ; HBFG 3 ' K23 B @2 1BA3 : ; ;<,' @BK323 - <8-' N ' '423 7 <\9

BKE ' E3' 7-, \' 3 ' K23' B '2CN2FBF3' 'EA' 12E2F' 3' E' LFBEP2 '
9' 1F2' '2SK23 F 'E' 3 ' K23' B ' LFBEP2' BE G' 'F4K3' K K3'
F2C ' E3 ' 9 4B B33 ' 'F4K3' KF2 K3' 'EA' F' 'E ' 8<9;'
L' @3 ' 7 ' @2' F23 ' 'EA' ,' 'CN@ @2' F23' X
' 3' CNB33 L 2' B' 3N2'O' BB' @ 1@ G' B ' @2' '4 23'
' BFA2A' B' 3 F'E12F3' BF' 322 E1' 'EA' 2E BG E1' 2H2FG @ E1 '
23N24 ' G' LG' @2' X BC'E' EBL G!' @2' L2'K K ' 1FBKEA3' '_
' @2' '' BF1@232' 'EA' @2' '') BF '' 'NN2'F' B' L2' O2N '
KN' ' ' 'E' 2EBFCBK3' 2MN2E32 ' 3B 2 G' BF' @2' K32' 'EA' N 2'3KF2'
B ' @2' NKL 4 ' 'EA' ' CB3 ' ' ' @2' N ' '423' 'EA' 4B 24 BE3' 'F2'
@FB I E' BN2E' BE' M2A' A 'G3' I @' KE2SK' 2A' L2F' G!' E'
' CB3 ' ' ' @232' 1' 2F 23 ' CK32KC3 ' 'EA' 1'FA2E3' @2'
3 F'E12F' 3' N2FC 2A' B' I 'EA2F' 'LBK ' 'EA' E12F' '3' @2'
N 2 '323 ' 2E F2 G' KECB 23 2A' G' B 4 BK3' 32FH 'E 3' 'EA' 1EBT
F'E '

@B32' I ' 2E BG' BC2' CB3 ' I@B' @ 'H2' 3 KA 2A' ' @BT
FBK1@ G' L2 BF2' 2 'H E1' @2 F' B I E' @BC23f' E' @2' CK N 4 G'
B '2E1'12C2E 3' E' I @ 4@' '' BF2 1E2F' 3' 3BBE' EHB H2A ' @2F2'
3' 2' C2' BF' @ 3 BF 4 ' ' F232'F4@' 'EA' 2 I ' 'F2' 'L 2' B' AB'
CBF2' @ 'E' ?' F2 'A' KN' @2 F' KFF'G J' 3B' @ ' ' @ ' ' @2' N 2 '3KF2'
'EA' ' ' @2' 'AH 'E '12' B ' '' H 3 ' B' BC2' 'F2' @FB I E' ' I 'G0
I @ 2' @B32' I @B' 'FF H2' I @' @2' BKEA' BE' ' F2 'AG' NF2T
N 'F2A ' 2 '3 G' 'EA' E' KF' G' '4SK F2 ' 'C A' @2' 342E23' 'FBKEA'
I @ 4@' @2' @ 3 BFG' B ' @2' I BF A' F2HB H2A ' 'E' 'CBKE ' B ' E BFT
C ' BE' I @ @' I ' L2' '3 BE 3@ E1' 2H2E' B' @2C32 H23!

@2' N '1'E' CBEKC2E 3' B ' BC2' @ 'H2' L22E' I F 2E' B '
'EA' A 34K332A' 2H2F' 3 E42' @2G' I 2F2' LK ' 'EA' @2' 4' '4BCL3'
@ 'H2' ' 2 G' B EA' @ 3 BF 'E3' 'EA' 1K A23' LB @' 'L 2' 'EA' I T
E1 % 'LBK ' @2' ' 2F' 4@F 'E' CBEKC2E 3' 'F' 233' @ '3'
@ @2F B' L2 ; E' 3' A!' E' E1 3@ ' 2M42N '" E' @2' CC2E32'
4B 24 BE' ' E 2F23 ' I @ 4@' 3' CL2AA2A' E' @2' I BFO3' B

(' !

) $ "$ $ ' !

> 0 #6!% B# N'33C1' F'H2 2F3' BF' L'4@2 BF3' @2' L23 ' 'F2 B 2 ' A E1 2 2FF2 ' B44 '' A ' 2BE2 B 2 ' 2 I ' BFO ' B44 ' ' A ' 2BE2 B 2 ' A2' BC2 ' BF3B! BF' 'C 23 ' BF' BF' '' BE1' F23 A2E42 B 2 ' A23' 23' F 'EE SK23 ' ('PP'' A2 ' (BNB B B 2 ' A2' K33 2' 4 B32' B' @2' '3 ' '' 'LK EB B 2 ' A2' A@AF23 ' 'EA' B 2 ' KFBN' ' ('PP'' A ' N'1E'D B 2 ' B3 'EP ' '' !' 4B B' E' B 2E EB ' E' '' @ 1@' ' FG' 3 K' BE' B I 'FA3' @2' F' I 'G"3 ' BE ' 'EA' H2FG' 4BC BF 'L 2' 'EA' I 2 ' C 'E'12A ' LK ' KF @2F FBC' @2' 3 1@ 3' B ' BC2! 233' 2MN2E3 H2 ' 'F2' B 2 ' A 2C '1E2 ' '' BEAB B 2 ' BF ' ' '') K2' '' 42 B 2 ' E2FH' ' ('PP'' A2 '' E2FH' ' H2FG' E2 'F' @2' ('E @2BE B 2 ' A2 ' * BLB ' '' !' 4B B' E' B 2E EB!

! 6 ?06' 'F2! CK4@' I 'E 2A' E' BC2! @2' L23 ' 'F ' @B32' B ' 33' C @' 'EA' 'A 'C2' 2 2EL'4@ ' E' @2' ('PP'' A ' N'1E' ' 'EA' @2' 3C ' ' B 2 ' A2' $E H2F3 ' E' @2' 'NB' 2' '32!

97 0 06' @ 'H2' ' 2 G' 1F2 ' G' E4F2 '32A' E' NF 42!' E' 'N'F C2E ' BF' '' H2FG' 3C ' ' 'C G' E' BE2' B ' @2' L23 ' 3 K' BE3' 4 'E' 32 ABC' L2' BL ' E2A' BF' 233' @ 'E' FBC' : \<' B' \<<' F'E43' '' CBE @! @2' E1 3@' ' CB3 ' ' 'NF2 2F' B' F23 A2' E' @2' E2 1@LBKF@BBA' B ' @2' ('PP'' A ' N'1E'! @2' L23 ' 3 K' BE3' 'F2' @2' 3KEEG' 3 A2' B ' @2' ('PP'' 32 ' @2' F E '' A2 BE ' @2' '' *F21BF 'E' ' 'EA' '' 3 E'! 233' 1BBA' 3 K' BE3' 'F2 ' @2' BF3B ' '' BEAB ' '') K2' '42 ' '' F' E' ' 'NB' 2' '32 ' '' 2 42 ' '' >K' FB' BE 'E2 ' '' 'LK EB ' 'EA' 'A2 '' FB42 "% E' I @ 4@' '3 ' @B I 2H2F ' 'F2' C 'EG' H2FG BBA' 'N'F C2E 3!' E' @2' B @2F 3 A2' B ' @2' BF3B' 3K 23' B ' FBBC3' 'F2' CK4@' 233' 2MN2E3 H2 ' LK ' @2G' 'F2' 233' 4BEH2E 2E ' BF' N2F3BE3' I @B' E O2' '' 3@BF ' F23 A2E42' E' BC2!' E' C 'EG' B ' @2' N ' '423' 'F2' 'F12' 'N'F C2E 3' I @ 4@' 'F2' 2 ' LG' @2' G2 ' F ! ! ' "

% (' 2 ' ('PP'' A ' N'1E'

!"'! ' %' BE' A E ' ('PP'' A ' N'1E'D N @BH2F' ('PP'' A ' N'1E'' ' 2F 2 ' ('PP'' B B C'!

' # " $ #! % 'EE E ' 7 ' '' BEAB ' E @2 3KCC2F ' ' @2 '1E ' A ' K44' D BE'4@23 ' ,' '' ! 2L'3 'E2 BD *BFA E ' 7-:' BF3B!

=' % # & '%! ( ) ' * ! + ' ,' ' 3BE ' '' '@K EB'D '4" N@2F3BE' 9 4B B' L2F D 'E1 ' <:' '' 2 42D EA2F3BE @ 3 N@B B1F'N@3 3B A' ' ' N @BH2F(3 !) ' # # -' # .' H2FG CK4@ B' L2 F24BCC2EA2A ') 2' BE 3 ' 9 ,' '' ! 3 ABF2!') ' = K34 N : ,' '' BEAB ' @2 L23 ' BF C2A ' BE3 D 233'EAF ' 9 BF3B' 2M42 T 2E ' BF 'F 23 A2 3 2 D ' 3 ' \ -' '' A2 ' 'CNB" 'F2BD 2FF2 ' 7< '' '! 'F '' E '!

+ $&' #! " %) BH P2 ' '' 'LK EBD BF 232 ' B '' 2 42! BF 4BCCBE2F 'F 4 23 'EA' 3 ' BE2FG' @2 ? 'F B 2F ' J' 9 :' BF3B' BNNB3 2 @2 ('PP'' B BEE'!

/$& * $& !% ' @2 'CN2F '' 'C2F' 2 M2A' NF 423 ' ;' '' A2 '' 'CN2F ' 'E2'F @2 BKE ' E B ' F2H !

$# 01 # ! % 'F4@23X' ;< '' BEAB D) 2NB 2 ' 7 ' '' BE ''' E2 '' BF1@232D EEB42E ' ,' ' F' E' ' 'E 2 ' : ' '' F' '' @''D 'NBL 'E4@ ' \9 '' 'LK EB!

$2! % B@F 4@ ' <:' '' 3 E'D @ 'N'K2 ' 89 '' 'LK EB'D) F233 2F' -' '') K2 '42 !

3! % 'K#E ' 8;' '' 'LK EB' ' 2F ' -9 '' 'LK EB!

- % E' A ' 9\' '' 'LK EB' ' B34@2 ' - :' '' BEAB

4! + !"'! % '3 2 'E ' , ,' '' (B ' 4 B32A' FBC' 9 #'' ' H2FG' L2 'KT K ' LK ' H2FG' 2MN2E3 H2 D (2FF2 ' 9< ('PP'' A ' N'1E'' D CB42E ' 77' ('PP'' F K ' A2(BE ! =

3 $! " % 2G ' 9 ' '' 'LK EB'D '44@ E ' -< '' BEAB !

" ' /

$5! .% H 2F ' ' '' F' E'

/$& *! % BF' H 3 E1' 4'FA3' &4! ' 'F 2 ' 78' '' F' S !

" % ' E'' @2' ?' (BB 2' J' B ' BC2 ' BF3B ' BNNB3 2' !' 'F B ' 2E 'E42' 9' '' A2 2' 'FBPP2D ' ' ;< ('PP'' A ' N'1E'D 2'' 'EA' ' ; ' ('PP'' !' NB3 B '

% !3 ! %U23 ' 98' BF3B' EBE2' 1BBA !

/ ! 3 ! % 'F 332 ' ' BF3B!

% ' ', ' 5"!5' ! % '33BE ' \\' BF3BD' @2' 2' A2' GBE ' : ,' '' A2 ' (F2 2 ' L2@ EA' !' BF2EPB' E' K4 E' D 2L'3 'EX' ,' '' A2 ' 'CNB" 'FPB' D * BH'EE2 ' \< B' \7 'CNB" 'FPB!

3 $' $ ' $5' % +" % FHB ' ; ;' ('PP'' 'A'C '' M2A' NF 423 !

F2CBE23 ' :9< BF3B' D :' ('PP'' !' BF2EPB' E' K4 E'

'!# ' $5' 3 '" 1 !% "5' # -"! .% '1 ' ' 9\< BF3B!

6! 3 $' ! % L ' K44 ' , ,' '' A2 '' FB42' 2M42 2E !

/$&" %' 6 -! (7 3!.' -;' ('PP''A ' N'1E'!

" $' 6 -! ' ##5' $!' ! -% $# % * '4B3' ' '' A2 '' 'AA' 2E'!

".' $5"! ' $5' 5.' R4!% K 1 BE ' -< ('PP''A ' N'1E'!

/$&" %' % (' C21 'E ' ; ;' ('PP''A ' N'1E'!

" 8 #15 !%

U 2EBEH 2 ; ' ' 'LK EB % 'EA34'N23!

33 KEA2E : ; ' ' ! '3 B % I ' 2F"4B BKF 'EA34'N23!

F2EE'E - ; ' ' BF1@2 B!

= 'E2H'F ' E B ('PP" BF1L232 % F3 "F' 2 BF 4@' O NBF F' 3!

B 2C 'E ; ' ' A2 ' `K44@2 $ % H2FG 1BBA BF 'E C' 3!

FFBA 9a E12 B" K3 BA2 % ' 2F"4B BKF 'EA34'N23 H2FG @ 1@ G E 3@2A!

) 23BK 'HG 77 ' 'F1K ' % 'EA34'N23!

' BF E ' ' 'F1K ' % " H2FG L2 'K K 4BNG 3 !

' P 7 'F B A BF %3'4F2A 3KL 24 3!

'32 E2 'U! ! ' \8 ' 'LK EB!

Y UBF3 77 ' 'F1K ' %SK 2 F3 "F' 2 BF 1KF2 3KL 24 3 E I ' 2FT 4B BKF!

* 2EE 2 ' ' 'F1'E' % I ' 2F"4B BKF ' F3 "F' 2!

#E2L2 ' 77 ' 'F1K ' %B ' 'EA34'N23!

'23 ' 77 ' 'F1K '!

'F 'E244 ' \7 ' 'F1K ' '% @2 NF E42 B '4BNG 3 3!

K 2F ' ;< ('PP" 'FL2F E % I ' 2F"4B BKF 'EA34'N23! [

(BA23 ' ' ' 'F1K ' %B 0 'F12 @ 3 BF 4 ' ' 'EA 3 '4F2A 3KL 24 3!

(B E1A23 F2 ' 7 ; 4B B A2 ' * F24 % B 0 'EA34'N23!

K4@'E'E 2 'A ' \ \ ' ' 'F1K '!

H 2 ' 7 ; 4B B A2 ' * F24 % I ' 2F"4B BKF!

) 2 'E4 3 ' 77 ' ' 'F1K '!

FK ' F @KF ' , ' ' A2 ' FB42 '% 'EA34'N23 'EA 1KF23 ' LB @ B ' 'EA I ' 2F 4B BKF!

2F KEE ' ' ' 'F1K ' % I ' 2F"4B BKF!

2AA2F ' \ \ ' ' ' 'F1K '! =

Y (2EFG 'C3 ' ' ('PP" 1E'E2 % I ' 2F"4B BKF!

' ' /

-1"'# 7 #15 !%
2EPBE ' ' 4B B' A2 ' BF1@2 BV
) N E'G ' ' ' 3 E'!'
33' B 2G ' \7' ' ' F1K ' % 'AC F'L 2' BF' C2A' BE' NBF F' 3' 'EA'
LK3 3!
33' B3 2F ' ,' ' 'F1K '% * L3BE 3 KA B !
33' 2 I 3 ' ,' ' ' !' 4B B' E' B 2E EB!
'4ABE' A ' -' ('PP'' 'FL2F E !
B32 ' \\' ' ' 'F1K '!
33' 2LL E3 ' ,' ('PP'' 'FL2F E !
BFG ' 9' ' ' !' 4 B' E' B 2E EB!
'AB E ' \< ' ' ' 'LK EB!
'BBA' @'03N2'F2 ' \<:' BF3B " "2M42 3' C' C2A' BE' NBF F' 3!
BBA' 'FF E1 BE ' -' ('PP'' F E 'A2 BE !

' 3' CNB33 L 2' BF' '' F'H2 2F' I @B' 3N2EA3' BE G' '' I 220' BF'
2E' A'G3' E' " C2' B' 322' '' 2E @' N'F ' B ' @2' 3 1@ 3' I @ 4@' '
4BE ' E3!' (2F@'N3' @2' CB3 ' CNBF 'E ' BL 24 3' 'F20

%1 -%! ' (2 2F 3' !' UB@E' ' 2F'E ' '!' 'F '' '11 BF2' !'
BF2EP& KBF ' KF'' !' ('B ' KBF' KF'' !' 1E232' KBF' KF'' F''
B2 ' !' 2C2E 2' !' (2 FB' E' BE BF B' !' (2 FB' E' E4B ' '!'
'L E' ' '!' (F 332A2' 'EA' '!' (KA2E 'E'' !' *F21BF B' !' 2 'EB'
B BEAB' '!' 'F '' 3BNF'' E2FH'' '!' 'F '' A2 ' (BNB B!

" -! % ' 4'E' 'N B ' BF1 232' 'FL2F E ' 'EA' ' NB33 L 2'
BF3 E ' B BEE'' 4 'FF'' B3N 1 B3 ' 'EA' N'A' !

9 '"' % L'E ') BF '' BF1@232' B OBE3 A ' 'EA' @BK1@' 233'
CNBF 'E ' KABH 3 !' =

+9#F!% (' '42' B ' @2' 23'F3' 2 CN 23' E' BFKC ' B 32KC ' 'EA' '
NB33 L 2' @2' FCE3' E' @2' *@2 B' 'EA' @2' ' 03' B ' 'F'4' '!

' 3' A23 F'L 2' BF' @2' F'H2 2F' I@B' 3' NF2332A' BF' C2' B' ' N G' ' ' BE42' B' @ 3' 'EO2F' BF' BFA2F3' BF' 'EG' B ' @2' H '3' BF' I @ 4@' @2G' 'F2' E24233 'FG!' @2' B B I E1' 34@2C2' I ' 1 H2' ' ' 1BBA' 12E2F' ' A2 ' ' B ' BC 2' 'EA' 3' E2 1@LBKF@BBA' E' ' ' 2 I ' A 'G3!' @2' 3 1@ 3' NF E 2A' E' ' 43' 'E' BE G' L2' 322E' BE' @2' A 'G3' B' I @ 4@' @2G' 'F ; ' 34F L2A' 0%

$5 ' % * 2E2F' ' H 2 I ' B ' 'N B ' * ' 2FG' B = 4K N KF2' F'' B3 = * 2E2F' ' H 2 I ' B ' BFKC ' B 32KC ' !' UB@E' ' 2F'E' I @' 4 B 3 2F3 ' 'EA' AF H2' BK ' B' @2' '' ' E'' 'EA' @2' 'SK2AK4 3' ' ' 'HB ' B!

1! 5 % BFE E1' 0 !' (2 2F03' 'EA' @2' ' 4 'E' 'E42!' 2FEBBE0' 9 '"' ' " $.' !' 1E232 ' 'EA' AF H2' B' @2' (BE 2' BC2E 'E'!

!5$! 5 % * B' B' HB ' @2' '34 'A23 ' '34' 2 2 ' 'EA' '' A0 3 2 !

%1 5 .% BFE E10 " -!' ,#%!' ,#! ' 2FEBBE0 AF H2' BE' @2' '' NN '' '3' 'F '3' B F2' 2PPB' F'A '' 0' E' F2 KFE E1 ' 322' @2' ' @3' B ' 'F'4' '!

) 5 % BFE E10 (' 'PPB' BF1@232 ' (' 'PPB' N'A ' ' @2' * @2 B ' @2' 2CN 2' B ' 23 ' ' FB33' @2' (BE 2' B B' B' '!' 24 '0' 'EA' 2EA' E' @2' ' 2FEBBE' ' ' ! (2 FB' E' BE BF B' 'EA' @2' 9 '"' ' ' BF' BE' BEA 'G !

5 % F'34' ' 'EA' L'EB!') F H2' B' F'34' ' 2 'F G ' 'O2' ABEO2G3 ' LG' B44 '' A ' ('N '' B' 2!' 'HB0' 'O2' C 4@2BE' ' ' @2' 2CN 2 ' 'EA' F2 KFE' LG' (' 'PPKB B' 'EA' @2' KNN2F ' 'EA' B I 2F' * ' 2F 23' B' L'EB ' I @ @2F' @2' 4 'FF '12' 3@BK A' L2' 32E ' BE' B' ' I ' ' GBK' ' ' @2' B 2 ' A2' K33 2!') F H2' L '40' B' BC2' E' @2' 2H2E E1!

1$5 % BFE E10 '!' 'F '' A2 ' (BNB B' BE' I 'G' B' E1 3@' @KF4@!' 2FEBBE' 0 !' (2 2F03' '1' E0' AF H2' B' BE 2' 'F B' '' 2 E ' BF' E' @2' '' BF1@232 ' 'EA' 2EA' I @' @2' (E4 B

:5' $5 % BFE E10 '!' (F'332A2 ' '!' (KA2E 'E' ' '!' 'F '' '11 BF2!' 2FEBBE0 '!' 'L E' ' (3 BF' B' * 'FA2E ' E1 3@' 2C2T 2FG ' !' ('B B ' 'EA' @2' F2' BE 'E2!

:5' 1! 5 %' BFE E10' ' 4 'E' 4K N KF23!' 2FEBBE0'

,

*F21BF B ' !' 2 'EB' B BEAB ' !' 2C2E 2 ' !' (2 FB' E' E4B ' '!' 'F '' A21 ' E12 ' ' BF2EPB' KBF ' KF' ' 'EA' AF H2' BK ' B' @2' BFF2' A2 ' 4@ 'H ' F2 KFE E1' LG' @2' (BF '' '11 BF2!

:5' !5$! 5 !% BFE E1' 0 (' 'PPB' 'FL2F E ' " 22 ' '&" .' 'EA' BE' ' KFA'G3 ' ' 4 'E' (4 KF23!' 2FEBBE' 0 BFKC' E' A2 ' !' B3CB' 'EA') 'C 'E ' 'EA' '342EA' @2' B 32KC!

@2' B BI E1' 3 ' C 'G' L2' K32 K ' '3' '' 1K A2' B' 3BC2' B ' @2' L23 ' 3KL 24 3' BF' 'F 3 3' I @B' I 3@' B' AF' I ' ' BC2 ' 'EA' @ 'H2' EB ' CK4@' C2' B' 32 'F4@' BF' @2C32 H23' 0%

$ $&' &%#;

2CN 2' B ' 23 '' I @' @2' BKE ' E!
F4@' B ' BE3 'E E2' FBC' O2' B 32KC' 2 'F G !
B 32KC' FBC' L2@ EA' '! ' F'E4234'' BC 'E'' 2 'F G !
2CN 23' E' @2' BFKC' FBC' @2' 4@BB ' B ' 5 'E @K3!
2 I ' FBC' @2' * 'FA2E' B ' @2' KN2' 'FN2 '!
E' @2' * 'FA2E' B ' !' * BH 'EE ' 2' (' B B!
E' @2' * 'FA2E' B ' !' KBE 'H2E KF'!
E' @2' * 'FA2E' B ' @2' !' 'F B BC2B' E' 3B '
E' @2' * 'FA2E' B ' !' EB F B!
E' @2' 2F' FBC' (BK33 E 3' ' O!
FBC' @2' ABBF' B ' @2' '' 2A 4 !
' !' B3 C ' B!
' @2' L '4O' 2E F 'E42' B ' F '' B2 !
' @2' (BF 4B' B ' 4 'H '!
BBO E1' B' @2' F4@' B ' K3' KN' @2' '' '4F'!
E' @2' B 3 2F' B ' @2' ' 2F 'E!
E' @2' B 3 2F' B ' @2' 2F B3'!
2 'F' @2' 2 N 2' B ' '44@K3!
E' @2' '' NN ' ' L2GBEA' 24 '' 2 2 '!
BFF2' 2P ' F 'A '' BE' @2' '' NN '!
BFF2' NC2E 'E' ' BBO E1' B' @2' CBKE ' E3!
(BE 2' BC2E 'E' ' BBO E1', ' @2' BE3' '4AF!
BFF2' A2 ' 4@ 'H ' BBO E1' B I A3' HB !
SK2AK4 3' ' ' 'H ' B!

) * ! $ $& &%#;

FBC‘ f UB@E‘ ‘ 2F ‘E!
FBC‘ @2‘ (BE 2‘ #B B!
FBC‘ @2‘ 2FF ‘42‘ B ‘ @2‘ ‘‘) BF ‘‘ f (2 2F 3 !
(‘ ‘42‘ B ‘ @2‘ 323 ‘F3% BC ‘E‘ 3 A2% BB0 E1‘ B‘ ‘f ‘ L E ‘f
(‘ ‘42‘ B ‘ @2‘ C3 ‘F3 F2E4@‘ 3 A2% BB0 E1‘ B‘ @2‘ B 32KC ‘
N32‘ B ‘ f * BH ‘EE ‘2‘ (‘B B!
2 ‘F‘ @2‘ ‘H 42 ‘f =
* ‘FA2E‘ B ‘ @2‘ ‘‘ ‘ 2 !
* ‘FA2E‘ B ‘ @2‘ ‘‘ B 0BE30 !
* ‘FA2E‘ B ‘ @2‘ (F BF ‘ B!
(BF ‘‘ f BF2EPB!
BFF2‘ A2 ‘ 4@ ‘H ‘ BB0 E1‘ B I ‘FA3‘ BC2!
‘‘ ‘ E ‘ ‘ BB0 E1‘ B I ‘FA3‘ @2‘ SK2AK4 3!
‘‘ ‘ E ‘ ‘ BB0 E1‘ B I ‘FA3‘ BC2!

@2‘ CBE @3‘ B ‘ BH2 C L2F‘ ‘EA‘) 242 C L2F‘ ‘F2‘ @2‘ L23 ‘ BF‘ AF ‘ I E1!‘ @2‘ 4B BKF E1‘ 3‘ @2E‘ C ‘1E 42E D‘ ‘ 3‘ 2E@ ‘E42A‘ LG‘ @2‘ E 3‘ B ‘ @2‘ A24 ‘G E1‘ H212 ‘ BE ‘ ‘EA‘ @2‘ 3@ ‘AB I 3‘ ‘F2‘ 3 FBE1‘ ‘EA‘ 4 2 ‘F!‘ U ‘EK ‘FG‘ 3‘ 12E2F ‘ G‘ 4B A‘ BF‘ 3 E1‘ BK ‘ ‘EA‘ 2LFK ‘FG‘ I D ‘EA‘ L2 BF2‘ @2‘ 2EA‘ B ‘ ‘F4@‘ @2‘ H212 ‘T BE‘ 3‘ B 2E‘ 3B‘ ‘F ‘AH ‘E42A‘ @ ‘ ‘ @2‘ L ‘F ‘ 3 ‘ I @ 4@‘ @ ‘H2‘ F2 ‘ E2A‘ 1 BF BK3‘ 3 ‘NN@ F2‘ ‘EA‘ ‘C2 @G3 ‘ E 3‘ ‘ ‘ I E 2F ‘ 4@ ‘E12‘ E B‘ 4BC CBEN ‘42‘ 1F22E‘ E1 3@‘ AB I E3D I @ 2‘ @2‘ 4 ‘CN ‘1E ‘ ‘ FBC‘ @2‘ 4F C3BE‘ ‘EA‘ 1B A‘ B ‘ 3‘ AG E1‘ @ 3 23‘ ‘EA‘ 2EB4@ ‘ L24BC23‘ ‘‘ BH2 G‘ 1F22E‘ N ‘ E‘ I ‘H E1‘ ! I @‘ B I 2F3!

BF2 1E2F3‘ ‘F2‘ CK4@‘ BB‘ ‘N ‘ B‘ B B I ‘ @2‘ E ‘ H2‘ 4K3 BC‘ B ‘ AF H E1‘ 4BE3 ‘E G‘ E‘ @2‘ ‘‘ BF1@232 ‘ @2‘ ‘‘) BF ‘ ‘ ‘EA‘ BE‘ @2‘ (E4 B ‘ ‘EA‘ 12 E1‘ BK ‘ B‘ I ‘ O‘ @2F2‘ AKF E1‘ @2 F‘ AF H23!‘ BF‘ @B32‘ I @B‘ A2‘ EB ‘ 4 ‘F2‘ ‘ I ‘G3‘ B‘ 322‘ @2‘ @KC ‘E‘ I BF A ‘ ‘‘ A2 1@ K ‘ H 2 G‘ B ‘ AF H23‘ 4 ‘E‘ L2‘ BKEA D ‘EA‘ ‘ 3‘ ‘‘ CB3 ‘ ‘1F22 ‘L 2‘ N ‘E‘ BF‘ EH ‘ A3 ‘ I @BK ‘ 4 ‘FF ‘123

B ' @2 F' B I E ' B' 'O2' '' ?'4BKF32' B' @2' ('F4B' A ' 'E' *F2T 1BF B J' BF' B' @2' 3KEEG' 'H2EK23' E2 'F' @2' ' 2F 'E ' 'EA' I ' O' @2F2' E3 2 'A' B ' BE' @2' (E4 B!' ' 4 'FF '12' BF' @2' F2 KFE' C 'G' ' CB3 ' ' I 'G3' L2' BKEA' E' @2' BFKC' BF' ' ' @2' ' 2F 'E!

' '

@2' 2 ' 2'A E1' B' @2' ('PP'' A ' N'1E'' 'EA' @2' E1 3@'
_ K'F 2F0 @2' N2 ' ' BE' @2' F 1@ ' 2'A E1' B' @2' '3 3'B '
!' E12 B' 'EA' !' (2 2F03!' @2' 342E2' 3' BE2' I 2 ' OEB HE'
FBC' N 4 KF23' 'EA' 2E1F'H E13!' @2' 3N'42' L2 I 22E' @2'
3 F22 3' 3' B44KN 2A' LG' I E' 4@KF4@23 ' 2F24 2A' LG' 'FA E' '
* '3 ' A !

?' 23' A2KM' 21 323' 2 2K223' 'K' ('42' AK' (2KN 2' N'F' 2' 'FA E' ' * '3T
' A ' ' 0 2E F22' AK' BF3B ' 3BE ' A0KE' 2 2 ' C2A B4F2!' BC C2E 'KE' 4'FA T
E' ' E0'" " ' N'3' 32E ' SK0 ' E2' 'K ' N '3' 2 2H2F' KE2' 21 32' NBKF', !' '!$<
5 $# ' SK2 SK2' 4@B32' R 023 ' F 'H ' 2F ' 'C ' 23 2' A H E2!J' #!$5% "': !' -9!

' 3' E' @2' 4@KF4@' BE' @2' 2 ' @ ' ' 32FCBE3' 'F2' NF2'4@2A'
2H2FG' I E 2F' BE' KEA'G' ' 2FEBBE3' LG' 3BC2' B ' @2' L23 '
BC 'E' ' @B 4' 4BE FBH2F3 '@3 3 ' K3 ' ' ' @2' F 1@ ' CBC2E '
BF' 4' 4@ E1' @2' (FB 23 'E ' 4BE1F21' BE3' '3' @2G' 2C2F12'
FBC' @2 F' 4@'N2 3' BK 3 A2' @2' (BF ''A2 ' (BNB B!
@232' 4@KF4@23' 'F2' L2 2H2A' B' B44KNG' @2' 3 2' B ' @2'
C'1E 42E ' BCL' B ' G ' ' I@B' A 2A' ' ' (K 2B ' ' ,9 ' LK '
'3' @BEBKF2A' ' ' BC2' I @' '' NKL 4' KE2F' ' ' ' I @ 4@' @2'
N' F 4 'E' 'A 23' LKFE ' C '3323' B ' E42E32' 'EA' N2F KC23' BE'
3' KE2F' ' NGF2!
@2' I # 6D' B ' @2' ('PP'' A2 ' (BNB B' I '3' N '42A' BE' @ 3'
3 2' LG' M K3' !' E' \ ,8 ' LK ' I '3' BF 1 E' G' LFBK1@ ' B'
BC2' 'EA' 2F24 2A' E' @BEBKF' B ' NB B' LG' @2' CN2FBF'
K1K3 K3!

?' NB B' I '3' @2' N' FBE' B ' @2' 3NB ' I @ 4@' @'A' 1 H2E' '' E'C2' B' @2'
1F2' ' H 4 BFG' B ' 4 KC0 NN B' @ C32 ' ' I '3' NFB4 ' C2A ' @'A' BK1@ '
BF' BC2' 'EA' BF' 4 'H K3' BE' @' ' 'K3N 4 BK3' A ' G0 @2' 3 ' C2' NB B ' @2'
KE"1BA ' @'A' 3@KAA2F2A' E' @ 3' LF 1@ ' 4 ' F22F' ' ' @2' CKFA2F' B ' @2') 4T
' BF' 'EA' 2FF 2A' @2' E' BE3' 24 N32B ' @ 3' A H E2' 4BKE 2E'E42!J'
! ! ! ! @2F2 BF2 ' ?' L23 A23' LK A E1' '' 2CN 2' B' NB B' BE' @2
(' ' E2' @ ' @2' CN2FBF' K1K3 K3' [BK1@ ' B' @BEBKF' @ C' LG' F'E3T
N 'E E1' B' @2' F4K3' 'M CK3 ' @2' 3NBF 3' ' I @ 4@' I 2F2' KEA2F' @ 3

3N24 ' ' NFB 24 BE' 'E BL2 3O' FBC' 2 BNB 3 ' E' 1GN !' @ 3' 'C2T 3@'N2A' 4B KCE' I '3' '' 3GCLB ' B ' @2' 3KE ' 'EA' BF 1 E' G' LBF2' '' L 'P E1' BFL+KNBE' 3' 3KCC !' ' 3' E 2F23 E1' B' F'42' 'E E 2 1 L 2' CB H2' BF' @2' F3 ' E FBAK4 BE' E B' KFBN2' B ' @232' 1FB 23SK2' 'EA' KE3 1@ G' CBEKC2E 3' B '2'3 2FE' 3KN2F3 BE!J % ! * "!.' #.' ,#%!' 3 $

? @ 3' F2A' 1F'E 2' BL2 O ' B A23 ' B ' @ E13 ' 2H2E' E' BC2 ' F 323' E' @2' 42E F2' B ' @2' N 'PP' ' I @' '' BKF" B A' BKE ' E' ' ' 3' L'32!' ' BC 'E' I BFO3' 'EA' FK E3' I @2 @2F B ' @2' 2CN F2 ' @2' 'F"B ' F2NKL 4 ' BF' @2' 3 ' CBF2 A 3 'E ' O E13 ' ' 33KC2' '' F'E3 2E ' H 3 BE'FG' 'EA' CN ' N 'L 2' 4@'F'4 2F ' I @2E' I 2' @ EO' @' ' @ 3' EA23 FK4 L 2 CBEKC2E ' 3KNN 2A' BE2' B ' @2' F24B 24 BE3' I @ 4@' B323 ' 'EA' 2' 3F'2 23' LBF2' FBC' 1GN ' E B' @2' A232F ' (2F4@'E42 ' BE' L2@B A E1' @2' 4 BKAG' N 'F ' 'EA' 2FG' 4B KCE ' @2G' I @ 3N2F2A' ' I 2"'3 F 4O2E' B' BE2' 'EB @2F ' / E' 3' 3@'N2' ' 3' O2' @' '/ B A' BL2 3O' I @ 4@' I 2' 'EA' BKF' ' @2F3 @ 'H2' 3B' B 2E' 322E' BE' @2' LBFA2F3' B ' @2' 2!' EA' EB I ' @' 'H2FG' BL2 3O ' I @' @ 'FA G' '' F '42' B ' A24 'G' KNBE' ' 3' @2' F3 ' @ E1' @' ' @2' CBA2C' F'H2 2F' 3223 ' 2F' 2E 2F E1' @2' 'C E 'E' 6 #! > (#% 3 ? ' $, 3 # $

' I '3' BE' @2' 2 ' B ' @2' ('PP' ' ' ' @2' BB ' B ' I @' ' I '3' 2H2E' @2E' 4' 2A' ? @2' ' B ' * 'FA2E3 J' @' ' 2FB' I '3' LKF 2A' % & ' ' ( )

?' @2E' 2FB' I '3' A2 'A' @ 3'EKF32' 4 '1' ' I @' 2M 'EAF' ' 'EA' 4 2' @2' 'CBK3' 4BE4KL E2 ' @ 'H E1' I F' NN2A' @ 3' F2C ' E3' E' F 4@' I @ 2' 3 K ' 2CLFB A2F2A' I @' 1B A ' A2NB3 2A' @2C' E' @2' (BE# 'E' CBEKC2E ' I @ 4@' 3' 322E' E' @2' 'CNK3" 'F K3' KEA2F' @2' ' B ' * 'FA2E3!' @2' BCL' I '3' B ' NBFN@GFG ' @ 'H E1' 'E' ' F%B ' KE' ' C 'FL 2 ' 3KFFBKEA2A' LG' ' ' L ' K3 F 'A2' B ' @ '3B3' C 'FL 2!J % 1!# $ 1

@KF4@' F 'A BE' 2 3' @' ' FBC' @2' BCL' B ' 2FB' ' 2FT I 'FA3' 1F2 I ' ' ' 1 1 'E 4' I ' EK " F22 ' I @ 4@' L24 ' C 2' @2' F23BF ' B ' EEKC2F 'L 2' 4FB I 3% 3B' EKC 2FBK3' '3' B' L24BC2' SK 2' '' N23 ' B' @2' E2 1@LBKF@BBA!' E' @2' 2 2H2E @' 42E KFG!' (BN2' ('34@' ' !' AF2 ' C ' @' ' @232' 4FB I 3' I 2F2' A2 BE3 ' 'EA' @' ' @2' 2332A' F1 E' 4BC C 'EA2A' @ C' B' 4K ' AB I E' 'EA' LKC' @2' F22' ? ' L2FB' C ' E ' B ' 'EA' LK A' '' 3 'E4 K 'FG' B' @2F' @BEBKF' E' 3' N '42!' =' ' 4@KF4@' I '3' @2E' LK ' LG' C2 'E3' B

'4B 24 BE' CBE13 @2 4BC CBE N2BN 2 @2E42 @2 E'C2 I@ 4@ 3 F2 ' E3 B ? ! 'FG B @2 (2BN 2!J

0'7 7 7($ # ! 9 # I '3 F2LK LG '4 B (E 2 BF M K3 ! E :,< 'EA H2FG F 4@ G 'ABFE2A! I '3 CBT A2FE P2A LG 2FE E BF 2M'EA2F! ! 'L B @ 1 ; \ \"; - B I@BC I '3 @2 'C G LKF ' "N '42 LK 3 F2 ' E3 C 'EG F'1C2E 3 B L2'K K 22E @ 42E KFG I BFO @2 NF E4 N' 'ABBF B @2 E'H2 3 ' E2 2M'CN 2 B @ 3 'EA 3 E 2F BF 3 ' N2F 24 CK32KC B 34K N KF2 'EA 'F

E 2F E1 @2 4@KF4@ LG @2 I 23 ABBF 'EA B B I E1 @2 F 1@ ' 3 2 @2 F3 4@'N2 2EK BFC2F G) 2 ' BH2F2 3 'ABFE2A I @ 2MSK 3 2 N' E E13 LG E 08 @ H2F @2 ' 'F 3 @2 ' H G BE2 B @2 CB3 L2'K K F234B23 E @2 4 G D E @2 KE2 23 'F2 342E23 FBC @2 2 B ! U2FBC2! 'FA E' @F 3 B BFB A2 ' BH2F2 I@B LK @ 3 4@'N2 'EA A2A 4' 2A ' B ?' @2 F1 E 'EA ! U2FBC2 J 3 LKF 2A BE @2 2 ' E ' 1F'EA 22E @ 42E KFG BCL D BE @2 F 1@ 3 @2 CBEKC2E B 'FA E' A '3 FB! B F B @232 BCL3 ' A C 'EG B @2F3 E @ 3 4@KF4@ @'H2 E 2F23 E1 'EA 1F2' G 'F 2A C 2 23 B @2 F1 E 'EA @ A!

@2 324BEA 4@'N2 B @2 LB 'C G F 4@ E N 'F3 B E2FB"'E 4B 'EA '3N2F @'3 'E ' 'FN 242 F2NF232E E1 @2 33KCN BE B @2 F1 E LG 7 # 7 7007 E @2 4KNB 3 @2 C 1@ G 3KFFBKEA2A LG @2 @2'H2E G @B3 !

@2 @ FA 4@'N2 3 ' 3B N' E 2A LG E 08 @ H2F @2 ' 'F @2 'ABEE' 'EA BKF 3' E 3D 'LBH2 * BA F2 ' @2F 3KFFBKEA2A LG 'E12 3! E @2 B @2F KE2 23 342E23

=' I6 5 % 2F ''EA' 2 32 I @2F2 @2' 3 E3 B ' @2) 2 ' BH2F2% 'E' B 'O" F22! B"
LKF ''E' B 'O % @2E42 BH2F2!
' @2' L2'K K' @'42E KFG' 'FB ' BKF F1 E' 3' E 3 ' ' ! B3 C ' B' E' F'3 2H2F2 '
3' 3 ' A' B' @'H2' L22E' LFBK1@ ' FBC' @ 3' 4@'N2 !

‘ ‘ / ‘ @

E‘ @2‘ 2‘ B ‘ @2‘ F1 E @ ‘ ‘B ‘ @2‘ F1 E‘ 3 KAG E1‘ E‘ @2‘ 2 N 2 ‘ ‘‘ H2FG‘ F‘F2‘ 3KL 24 ‘ 3‘ 23N24 ‘ G‘ L2‘K K ‘ E‘ ‘‘ F 2P2‘ FBKEA‘ @2‘ B I 2F‘ N‘F ‘B ‘ @2‘ I ‘ ‘ ‘‘ 32F 23‘ B ‘ @‘F b ‘‘ ABC3‘ E‘ 1F 3‘ 2!‘ E‘ @2‘ F 1@ ‘ 3‘ @2‘ BCL‘ B ‘ * BH‘EE ‘ A2 ‘‘ BH2F2 ‘ BL!‘ : , 7 ‘ E‘ @2‘ 2 ‘ 3‘ ‘‘ E2‘ 3 22N E1‘ LFBEP2‘ 1KF2‘ B ‘ ‘‘ L 3@BN ‘ KEOEB I E!

@2‘ BKF @‘ 4@‘N2 ‘ @‘3‘ ‘‘ E2‘ 22E @‘ 42E KFG‘ ‘ ‘F"F2 2 ‘ B ‘ ‘ ‘ @2F E2‘ L2 I 22E‘ ‘ E @BEG‘ B ‘ (‘AK‘‘ ‘EA‘ ‘ E42E ‘ E‘ @2‘ F 1@ ‘ 3‘ @2‘ BCL‘ B ‘ ‘F4" E BE B‘ L2F BE ‘ BL!‘ : , \‘ D‘ BE‘ @2‘ 2 ‘ @‘ ‘ B ‘ ‘FA E‘ ‘ B3 ‘ ‘ B ‘ 3LBE ‘ BL!‘ \<, ‘ 2F24 2A‘ E‘ @ 3‘ 2 C2!‘ E‘ @ 3‘ BCL‘ 3‘ ‘E‘ 23N24 ‘ G‘ L2‘K K ‘ KE2 2‘ B ‘ @2‘ F1 E‘ ‘ABF2A‘ LG‘ E12 3!

E 2F E1‘ @2‘ F 1@ ‘ F‘E32N ‘BE‘ @2‘ F 1@ ‘ 3‘ @2‘ BCL‘ B ‘ ‘FA E‘ ‘ (BAB4‘E @‘FK3‘ B ‘ GNFK3 ‘ ‘‘ H2FG‘ E2‘ 3N24 C2E‘ B ‘ 22E @‘ 42E KFG‘ I BFO!‘ ‘ ABBF‘ E2‘F‘ @ 3‘ 2‘A3‘ E B‘ ‘‘ 4 B 3 2F ‘ I @2F2‘ 3‘ NF232FH2A ‘ BH2F‘ ‘‘ ABBF ‘ @2‘ * B @ 4‘ ‘ ‘F‘‘ N 242‘ B ‘ @2‘ 4@KF4@‘ B ‘ M K3‘ ! ‘ F2NF232E E1‘ @2‘ BFBE‘T BE!‘ B ‘ @2‘ F1 E ‘ ‘EA‘ I B‘ E2‘ BCL3% F4@L 3@BN‘ B44‘ ‘ BL ‘ : , 9 ‘ ‘EA‘ 3@BN‘ * BC 2 !‘

@2‘ 4@B F‘ 3@B I E‘ I @2E‘ @2F2‘ 3‘ EB‘ 32FH 42 ‘ @‘3‘ ‘‘ 42 E1‘ LG‘ ! 08 @ ‘ E‘ @2‘ 42E F2 ‘ @2‘ F1 E‘ ‘EA‘ ‘H BKF ‘ 3KFFBKEA2A‘ LG‘ @2‘ H‘E12 3 3‘ ‘EA‘ LG 3D‘ E‘ @2‘%4BC2F3 ‘ @2‘ ‘ @2F3‘ B ‘ @2‘ @KF4@% * F21BFG ‘ CLFB32 ‘ U2FBC2 ‘ ‘EA‘ K1K3 E2!‘ 2E2‘ @‘ ‘F2‘ @2‘ BCL3‘ B ‘ ‘FA E‘ ‘ 34‘E B‘ BFP‘ ‘ ‘EA‘ ‘FA E‘ ‘ * FB ‘CB‘ ‘33B ‘ E2N@2 I 3‘ B ‘ M K3‘ !‘ F‘E4234 ‘‘ A2 ‘‘ BH2F2 ‘ L2‘K K ‘ I BFO3‘ B ‘ $ 7‘ $ ‘ 7 6 5 ‘ @232‘ BCL3‘ I 2F2‘ 2F24 2A‘ ‘ ‘ @2‘ 2MN2E32‘ B ‘ UK K3‘ ! ‘ @ C32 ‘ ‘‘) 2 ‘‘ BH2F2 ‘ I @B‘ ‘ 3B‘ 1‘H2‘ @2‘ I EAB I 3 ‘ N‘ E 2A‘ LG‘ #78$ -‘ ‘EA‘ G8 ##70 ‘ $ ‘ 7 6 ## 6 ‘ @2‘ BE G‘ 1BBA‘ 3N24 C2E3‘ B ‘ 3 ‘ E2A‘ 1 ‘33‘ E‘ BC2!

@2‘@ 1@"‘ ‘F‘ 3‘3KFCBKE 2A‘LG‘‘‘C F‘4K BK3‘ C‘12‘B ‘ @2‘ F1 E‘ E34F L2A‘?‘ E‘@BEBF 42E ‘‘NBNK ‘EB3 F J‘I@4 I‘3‘ N‘42A‘ E‘ @3‘4@KF4@‘ LG‘*F21BFG‘ 5!‘ ‘EA‘I@4@‘@‘H E1‘ L22E‘?‘3K44233 K G‘ EHBO2A‘J‘LG‘*F21BFG‘!5 !‘ E‘ @2‘1F2‘‘ N‘1K2‘B ‘ \-,‘@‘3‘2H2F‘3 EA2‘L22E‘ !EF K‘ G‘‘ABF2A‘LG‘ @2‘ NBN2‘ßB ‘ @2‘N2F BA‘I@B‘ NFB3 F‘23‘@ C32 ‘L2 BF2‘ ‘KNBE‘ @2‘ ,@B ‘ 2N 2CL2F!‘ @2‘4@‘N2‘BE‘@2‘ 2 ‘B ‘ @3‘@‘3‘=‘ ‘E‘ 33KCN BE‘LG‘ I7# ‘ 7 7

E‘ @2‘ 2 ‘ F‘E32N‘ 3‘ @2‘ BCL‘B ‘ ‘FA E‘‘ 2FE‘FA EB‘ BE‘ ‘I @‘‘‘ E2‘ 22E @‘42E KFG‘F2 2‘B ‘ @2‘ 23KFF24T BE!

2 KFE E1‘LG‘ @2‘2 ‘‘3 2‘ @2‘ ‘3‘4@‘N2‘LK‘BE2‘3‘ @‘‘ B ‘ @2‘ @1‘ ‘C G‘E‘I@4@‘ @2‘ ‘CBK3‘L‘EO2F‘ 1B3 EB‘ @1‘ I@B‘LK ‘ @2‘ ‘C 4E‘‘ 3‘LKF 2A‘‘EA‘ E‘ I@4@‘ 79@7 # 3‘F2NF232E 2A‘‘‘BE42‘‘3‘‘‘N‘E 2F‘‘‘34K N BF‘‘EA‘ ‘E‘‘F4@ 24 !‘ 2‘N‘EE2A‘ @2‘4@‘N2‘ 32 D‘@2‘AF2I‘ @2‘ 3 F‘E12‘A23 1E‘B ‘ @2‘ B3‘4‘BE‘ 2‘42 E1‘ 4‘FF 2A‘BK‘LG‘ # 6 ‘$ ##7‘!7 K‘I@4@‘!F2NF232E 3‘‘E‘2M F‘BFA E‘FG‘C MT KF2‘B ‘(‘1‘E 3C‘‘EA‘ @F 3 ‘E G‘ 2F4KFG‘ 2EK3‘ ‘F3‘ UKN 2F‘‘EA‘ß‘ KFE‘ ‘3‘ @2‘N‘E2 3 ‘4BEAK4 2A‘LG‘‘E12 3‘ L2 E1‘F2NF232E 2A‘I @‘‘EA‘ 3KFFBKEA E1‘U2@BH‘@D‘ ‘EA‘@2‘ CBA2 2A‘@2‘L2‘K K‘3‘K2‘B ‘UBE‘@‘32‘ 2A‘BE‘ @2‘I@‘2‘ I@4@‘I‘3‘ 34K N KF2A‘ E‘ @2‘C‘FL 2‘LG‘ 4 0‘ @2‘ 3‘C2‘‘F 3‘34K N KF2A‘@2‘ 1KF2‘B ‘ ‘@% @B32‘B ‘)‘E 2‘ ‘EA‘ ‘LL‘OKO‘L2 E1‘LG‘ ‘ @2‘‘ ‘FN 242D‘F2NF2T 32E E1‘@2‘ ‘ H G‘B ‘@2‘ F1 E‘3‘‘‘E2‘I BFO‘B ‘ I760 7 ‘ $ #! 0 IL‘ E‘@2‘N 2F‘‘A B E E1‘@3‘4@‘N2‘3‘@2‘3 F‘E12‘ CBEKC2E‘@-! 6‘ -- ‘B ‘‘‘(F E4233‘ A234‘ 4@‘ @1‘ I@B‘A 2A‘E‘4@ AL F@‘‘‘U2‘‘12‘B ‘ I2E G‘2F24 2A‘LG‘@2F @K3L‘EA‘I@B‘A234F L23‘@C32 ‘?‘E‘3B@ KA E2‘2‘K4 K‘ 3KN2F3 23!QQ

@2' '3 '4@'N2 '4BE ' E3' I B' E2' 22E @'42E KFG'4 LBF ' '
'EA 0@2' BCL'B ' 'FA E' ' E BE B' (' 'H 4 E ' B-!"

E' @2' 2 ' B ' @2' NF E4 N' ' 2E F'E42' 3' @2' F2C 'FO'L 2
CBEKC2E ' B ' * B!' 2' !' * 3 2EK3 ' @2' 4BCN'E BE' 'EA' F 2EA
B ' '3 C F' !'B ' (B 'EA ' BL!' ; -< !' ' @2' BN' 3'@ 3' NBF F'
I@ 2' H E1 ' E34F L2A '?' 2SK2' @ 2'H HK3'M' ' @2E' ''C2A' BE
B ' ''4@FG3' 3 '?' E' E AK B' C2B' CBF 'FJ D BNNB3 2' B' I@ 4@
3' '' C2A' BE'B ' '' LK 2F G'2C2F1 E1 '?'$ ' (@B2E M' CK "
N 4'LB'A 23'J'0 L2 B I ' 3' ''@ A2BK3' 3O2 2 BE'B '1 ' B' 'E 4B
E' '' I@ 2' C 'FL 2' I EA E1' 3@22 ' ?' 2SK2' @ 2' CBF KK3!J

'F E' K 2F' ? B 2E' 3NBO2' B ' A2 ' @' '3' @2' @F 3 'E\3' FK2' L F @ '
='EA' @ 3' 2' '3' LK ' ''1FB I E1' E B' @2' 4@FG3' 3"3@2 ' E' I @ 4@' @2' 3N F '
H23' ' 3'L2 E1' 3'A2H2 BN2A ' 'EA' 'LKF3 3' @2' 3@2 ' 4 '3 3'B ' @2' I 2L '
3 FK11 23' E B' 2 '3NF2 'A3' 3' I E13 ' ' A' 3B 'F3' KN' B' * BA!'J

@2' K1K3 E2' BEH2E ' 'A B E E1' @ 3' 4@KF4@' I '3' @2'
F23 A2E42' B ' K @2F' I@ 2' @2' I '3' E' BC2!' 2F2' @2'
42 2LF' 2A' C '33' CC2A ' 2 G' BE' @ 3' 'FF H' ' ' 2F' @2' @'A'
NFB3 F' 2A' @ C32 ' KNBE' @2' 2 'F @ ' 3 'G E1 ' ?' ' ' 3 '4F2A'
BC2' X @F 42' 3 '4F2A' BF' @2' L BBA' B ' @2' C 'F GF3' 3@2A'
@2F2 X J' 2F2 ' ' 3B ' @2' 42 2LF' 2A' C '33' BF' @2' '3 ' C2'
L2 BF2' @2' A2N 'F 2A' FBC' BC2' B' L24BC2' @2' CB3 ' 2FF L 2'
B '@2F' 2E2C 23!

? K ' N 'KHF2' 24B 2F ' * 2HA' 3 ' AKF2C2E ' SK ' 3BKH2E ' N2EA 'E ' 3BE'
2E 'E42 ' E\'H ' 'NBKF' BF2 2F' SK\KE2' A ' 2' FB A2 ' 'N '332' A2H 'E ' A23'
2CN 23' BK ' A2' C 'FLF2 ' A2H 'E ' A23' 4B BEE23' A\' L ' F2 ' A23' 1 1 'E 23SK23'
BL2 3SK23' A2' 1F 'E 2 ' A23' BE ' E23' ' 33 'E 23 ' A23' 3?4 ' F ' 4@23' 2 '
2CL2 23' A2' 'FA E3 ' A2' 2KF3 ' A2' 4 '34 'A23' 2 'A21FB 23!' 2K " ' NF 2F'R
'2E F2' A 'E3' KE2' 21 32' SK ' K ' 32CL 2' KE' CBEA2' H2F 'L 2 ' 23' A '"'
C 'E 3' 34 E 2E '3KF' \'K 2 ' \BF' 'KM' 3B 23 ' 2' C 'FLF2 ' 'KM' 4B BEE23 ' ''
CB3 ' SK2' 'KM' 4@'N2 23 ' 'K' 2K'A\KE' A^' 423' 2CN 23' FK3 SK23' SK 'E\BE '
A 'E3' 3'' N ' F 2' NBKF' BK ' BFE2C2E ' SK2' SK2 SK23' FB323' SK\KE2' C ' E'
N 2K32' H ''A2NB32F' 3KF' \'K 2 ' 2' BK K'A C 'E4@2!' 3 " ' ' 1K2' A2' ''
FBK 2'R ' FBKH2' 3KF' 3BE' 4 21 E ' EBE' N K3' KE' CBA23 2' L 'E4' A2' LB 3 '
!' !' '

C ' 3' KE' 3 212' A\' L F2' 'E SK2' F242C C2E ' A2 2FF2f @2F4@2" " ' KE2' 3' E 2' C '12' ' 'E\' NN2F B ' SK2' A23' 'E ' 3 23' N ' 2EE23 ' A23' A H E 23' B GCN SK23 ' NB BE ' AEK3 ' 'F3 ' UKN 2F ' 'KMSK2 23' F' 2E ' C 2' C ' E3' A2' 34K N 2KF3f) 2' BK 23' 423' C2FH2 23 ' ' E2' 4BCNF 'F 2E ' 'E2' H ' F 2Ef K4KE' F'GBE' A2' '' 4BKFBEE2' A2' 'N@ ' 2 ' A2' 4@2 '" E12 ' E\2L BK ' 323' F21 'FA3' ' ' F23 '' FB A' 2 ' CK2 ' A2H 'E ' BE3' 23' F23BF3' A2' N2 E KF2' 2 ' A2' 34K N KF2' F '332CL 23' A 'E3' 23' 21 323 3BE' BF2 2' K ' 2FC +' 'KM' 4@ 'E 3' AK') 'E 2 ' SK2' 2' N2KN 2' F2N2 ' ' 'K BKF' A2' K f ' 2 ' ' 2E F2' '' BC2' 2E' N2 2F E ' ' 2E' 3BF ' 4BCC2' BF B 'E ' 2 ' 3\22F 2' 'H24' 2CLB' 0 A 2K ' BC2 ' SK2' AB ' K F' SK 4BESK2' H2K ' H HF2' 3' E 2C2E X A 2K ' H 2' ;K' BK ' 23 ' N2FC 3 ' 2M42N 2' A\2 F2' @BCC2' A2' L 2E!\ J% 15 $.' # !'5!' 1#%! .' 4!' !

' I '3 E' FBE ' B ' @ 3' 4@KF4@' @ ' ' @2' 4 'FA E ' 3' 'EA' C '1T E ' 23' B ' BC2' C2 ' B' F242 H2' @2' 'NB3 ' 2' @F 3 E '' B ' I 2A2E' KNBE' @2F' 2E F 'E42' E B' @2' 4 G!

E' @2' 2 ' 3 A2' B ' @2' N 'PP '' F 32' @2' 2FF '423' B ' @2' (E4 B ' 'ABFE2A' I @' FB3 F ' "4B KCE3 ' 3 ' K23 ' 'EA' C 'FL 2' L '3"F2 2 3 ' E 2F3N2F32A' I @' 4GNF23323' 'EA' N E23!' ' I EAT E1' FB 'A ' E2A' I @' C CB3 '3' 'EA' B @2F' B I 2F E1' 3@FKL3 ' 2 'A3' B' @ ' KNN2F' N ' BFC ' EB I ' ' A' BK ' E' NKL 4' AF H23' 'EA' 1 'FA2E3 ' LK ' ' I 2E G' G2 'F3' '1B ' '' A232F 2A' I '3 2 ' I @2F2' @2' 1@B3 ' B ' 2FB' I '30 L2 2H2A' B' I 'EA2F' E' @2' C AA 2' '123!

2E42' @2' 2FE ' ' G' 3' 322E' 3NF2 'A' ' ' BKF' 22 ' 'EA' L2GBEA' ' @2' I A2"3NF2 'A E1' 4 'CN '1E ' ' ' '' 3 H2F' E2' C 'FO3' @2' 32 '' C2 E1' E B' @2' @BF PBE' L2GBEA' 3 '!' ' @232' 4@KF4@23' 'EA' ' ' N ' '42' FBB 3' L24BC2' C BF2' @ 'E' C2F2' E ' C23' E' @V' 4BKF32' B ' @2' I E 2F ' LK ' ' ' F3 ' ' ' 3' L2 I A2FT C2E !' I B' 1F2 ' ' LK A E1R' ' BE2' 'FF23 ' @2' ' 2E BE' 0

? 23 I 'FA ' L2GBEA' @2' L2F ' ' @2' '3 2' B ' !' E12 B ' @2' CT C2E32' BCL' B ' '' N '1 'E' 2CN2FBF' I @' @2 @ 'E12 ' BE' 3' 3KCC !' !' !

' KF @2F B ' '' C 1@ G'N 2' B 'LK A E13 ' 3KFCBKE 2A' LG' '' H'3 ' ABC2 ' I @ 4@' ' 'B 'K3 @'H2' 3@'N2A' 'EA' 3 I 2 2A' BK I 'FA ' O2' '' @K12' LKLL 2 ' B' @1' K CB3 ' 34BN2' B ' BKF' C '1 E ' BE3' BE1' L2 BF2' I 2' 322' ' B' E1' BH2F' @2' I BF3@ N' B ' @2' 4 G!' ' 'EG' E2 'F2F' H 2 I' @2' 1F 'EA2KF' B ' !' (2 2F\3' @ A23' 32 ' L2@ EA' @2' CC2E3 G' B ' 3' 32N'F ' 2' N'F 3 ' 3B' @' ' I 2' BE G' 322' @2' FBE ' BE G' @2' 3 A23 ' BE G' @2'N 'F2A' 2E1 @' 'EA' B E233' B ' @2' NBF 4B ' 'EA' UL ' @2' C 1@ G' I @B 2!' K ' ' ' @ 3'A 3 'E42' @2' 2E F2' BK E2' B ' @2' I BF A\3' 4' @2AF' ' '3' I 2 ' '3' @' ' B ' @2' N' '42' B ' @2' I BF A\3' 4@ 2 ' NF 23 ' 3' 'O2E' E' ' ' BE42!' E' 3K4@' F2CB 2E233 ' CBF2BH2F ' ^ 2' C '1 E' BE' 3' EB ' A2L 'FF2A' FBC' F2EA2F E1' 3' '33 3 'E42 ' 2H2E' I @ 2' I 2' @'H2' @2' F2' G' L2 BF2' BKF' 2G23 ' 'EA' @2 N E1' @2' I 2 'OE233' B ' @KC 'E' 32E32' B' AB' K3 42' B' 3B' 1F 'EA' 'E' BL 24 !' 'F2SK F23' LB @' ' @' 'EA' 'E4G' B' 2E 'L 2' K3' B' 22 ' I @ ' ' 3' E2H2F @2 233' 3B' FK2 ' @ ' 'GBEA2F ' E' FBE ' B ' @2' NKFN 2' BK E2' B ' @2' @ 3 ' 3' @2' 1F 'EA23 ' 2A 42' 2H2F' LK 'LG' C 'E ' N' E 2A' '1 ' E3 ' * BA\3' BH2 23 ' 3OG!J% +#% $!

2F2' @2' L 'EA' N 'G3' KEA2F' @2' 1F2 ' ' N ' C" F22' BE' @KF3T A 'G' 'EA' KEA 'G' ' 2FEBBE3 ' I @+ ' CC2E32' 4FB I A3' 4B 24 ' 3@B I E1' 2H2FG' N@ '32' B ' BC 'E' 2% 'EA' A 3N2F32' '1 ' E' '3' @2' H2" 'F '' L2 'F E13' FBC' @2' 4@KF4@23 ' 2 @2F' B' A2342EA' E B' @2' 4 G ' BF' B' @2 'F' 2E2A 4 BE' 3KE1' LG' @2' EKE3' E' @2' F E @' A2\ BE !

?' @2E' @2' '3@ BE 'L G'@BKF' B ' F2EA2PHBK3' 'FF H23 ' @2' 3 'C2' 3NB ' I @ 4@' '' 2 I' C EK 23' L2 BF2' I '3' CC2F32A' E' 3 2E42 ' 'EA' 3B KA2 ' 4@ 'E123' '3' ' I 2F2' I @' @2' F 'N A G' B ' '' 342E2' E' '' N 'E BC C2' B' 'E' 'E C ' 2A' N 'EBF' C 'F' @2' 342E2' 3' F2EA2F2A' EB ' '' 2' KA 4FBK3' LG' @2' C E ' KF2' F2NF232E ' BE' B ' @2' E1' E' GA2 ' ('FO' E' '' 3C ' ' 4BCN '33!' E' 2E F2' F2HB K BE' B ' @2' 4 'FF '12"AF H2' 3' N2F BFC2A' E' @2' 3@BF ' N2F BA' B ' @F22' C EK 23' '3' E2 'F '3' C 'G' L2 ' 'EA' @2' N2FN2 K ' 'B44KFF2E42' B ' @2' 3 'C2' N@G3 B1EBC 23' 'EA' @2' 3 'C2' 4 'FF '123' FB E1' FBKEA' 'EA' FBKEA' BF' I B' 3K44233 H2' @BKF3 ' E24233 'F G' F2C EA3' BE2' ' @2' NFB422AT E13' B ' '' 4BKE FG' ' F ' 'EA' 4@ AF2E' I @ F E1' E' '' FBKEA 'LBK >(' 6 ' ! 57 ' 7 1 ' $' 3 !7

?' @2' (E4 'E' ' 3' @2' 'HBKF 2' NFBC2E 'A2' B ' @2' BC 'E' 'F 3T B4F '4G!' 6 ' @2' NF232E ' A 'G ' @B I 2H2F ' O2' CB3 ' B @2F' BC 'E' NB33233 BE3 ' ' L2 BE13' 233' B' @2' E' H2' E@ 'L 'E 3 ' @ 'E' B' @2' L 'FL 'F 'E3' FBC' * 'K ' * F2 ' ' F ' ' 'EA' L2GBEA' @2' 32 ' ' I @B' @ ' H2' 23 'L 3@2A' '' N2 '42 K ' K3K 'N ' BE' BH2F' ' ' @ ' ' 3' 2E BG 'L 2' BF' C2CBF'

= ' 7

'L 2' E' @2' 2FE' ' G!' @232' BF2 1E' 1K23 3' 'F2' EA22A' KE1F' 2 K ' '
@2G' AB' EB ' LF2' @2' '' NF'G2F' BF' (BN2' 2C2E ' BF' I@' 2H2F' B G'
' @2F' ' C'G' @'H2' L22E' I@B' 2H2 2A' @2' 3KCC ' B ' @2' CBKE'
3B' 30 K G' 'EA' LBKEA2A' ' I @' @2' N'F'N2' B ' @2' 2 G' I ' D' I@B'
' A' BK ' @B32' LFB'A' I ' O3' 'EA' AF H23 ' 'EA' BH2F@KE1' @2C' I @'
@2' 3@'A2' B ' C 'EG' 0 EA3' B ' F22D' I@B' 34' 2F2A' @2' B I 2F3' B ' ' '
32'3BE3 ' 'EA' B ' 2H2FG' 4 C2 ' 'LKEA'E G' BH2F' @B32' 3CBB @ ' 42E F' '
' I E3D' I@B' 34BBN2A' BK ' @B B I 3' E' ' N '423 ' 'EA' 32 E1' 1F2 ' 'L'3BE3'
B 'C 'FL 2' E' @2C ' 4 'K32A' 2H2F"1K3@ E1' BKE ' E3' B' ' @2C' B' @['
LF C D' I@B' F2 'F2A' KN' @2' CC2CBF ' 'BL2 30' BK ' B ' @2' 3B ' @' ' @'A'
BE1' @ AA2E' D' I@B' N '42A' N2A23 ' 3' ' BE1' @2' LBFA2F3' B ' @2' 'H2EK23 '
'EA' 4BH2F2A' @2C' I @' LK3 3' B ' @' ' CK KA2' B ' I BF @ 23 % 3 ' 23C2E'
@2FB23 ' 'F 3 3 ' C2E' B ' 2 2F3' 'EA' B ' 3BE1 '% I@BC' @2' I@B 2' I BF A'
4 ' C3' '3' 3' 4@ 2 'BFE' C2E 3 ' @BK1@' ' G' @'3' NFBAK42A' @2C' ' !' E' '
I BFA ' @2' (E4 'E' 1 'FA2E' 3' BE2' B ' @2' @ E13' @' ' F24BE4 2' @2' 3 F'E12F'
3 E42' @2' K G' 'NNF24 ' 23' @2' 2E BGC2E ' 'EA' 22 3' EB @ E1' B ' @2' 4B3 '
B' @2' FK 2' B ' 'E' FF23NBE3 L 2' AGE'3 G' B ' B G' ' @2F3 ' I@B' 322C'
B' @'H2' 'FF H2A' ' ' C 'O E1' 2' '3' '1F22'L 2' 'E' ' ' F' '3' ' 4'E'
I 2 ' L2!
?' E' @ 3' N 2 '3 ' E ' 3NB ' @2' F2A" FBK32F2A' F2E4@' 3B A 2F3' 'F2' ' I 'G3'
B' L2' 322E D' L2 'FA2A' 'EA' 1F PP 2A' H2 2F' E3 ' N2F@ 'N3 ' I @' C2A ' 3' B '
1 2F3' BF' @2' F C2 '' BE' @2 F' LF2 '3 3!' B' @2C' 3' '33 1E2A' @2' N2 '42 K '
AK G' N '322 E1' @ ' ' 4@ AF2E' AB' EB ' F' CN 2' BE' @2' B I 2F"L2A3 ' EBF' 'EG'
GBK @ K ' BH2F' F 2' @2C' B ' @2 F' F'1F'E ' L B33BC3' B' 3 4O' E' @ 3'
L2 BH2A' BE2\3' ' F!' 2F2' 3 3' AFBBN E1' KNBE' 3BC2' C 'FL 2' L2E4@' E'
@2' F2 '4@2FBK3' 3KE3@ E2 ' @2' 4BE3KCN H2' 1 F ' I@B32' F 2EA3' @'H2'
LFBK1@ ' @2F ' BF' '' 4KF2 ' E B' '' 4 C' 2' @' ' E3 3' NB 3BE' E B' 3' H2FG'
NKF23 ' LF2 ' @!' 2F2 ' ' ' A 'G ' 4BC2' EKF32FG' C ' A3 ' LKFA2E2A' I @' FB3G'
E1 3@' L 'L 23 ' BF' 1K A E1' @2' BB 3 2N3' B ' 2' F 'H2 2F3' FBC' @2' 'F'
I 23 2FE' I BF A!' 2F2 ' E' @2' 3KEEG' ' 2N BBE ' FB ' 'EA' FKCL 2' ' '
O EA3' B ' 4 'FF '123 ' FBC' @2' 'FA E ' \3' B A" '3@ BE2A' 'EA' 1BF12BK3'
NKFN 2' 4 'FF '12' B' @2' 1 'G' L 'FBK4@2' B ' CBA2FE' A' 2!' 2F2' @BF32C2E'
1 ' BN' BE' @BFBK1@"LF2A' 3 22A3!' 2F2 ' E' 3@BF ' ' ' @2' F'E3 BFG'
NBNK ' BE' B ' BC2 ' @2' I BF A\3' 1F2 ' ' I ' 2F E1"N '42 ' F A23 ' AF H23 ' BF'
NFBC2E 'A23'X 2F2' 'F2' L2 'K K ' 3KE32 3' D' 'EA' @2F2 ' I @ 4@2H2F' I 'G'
GBK' KFE' GBKF' 2G23 ' 'F2' 342E23' '3' I 2 ' I BF @' 1 'P E1' ' ' LB @' E' @2CT
32 H23 ' 'EA' BF' @2 F' @ 3 BF 4 ' ' 2F23 ' ' '3' 'EG' @ ' ' @2' 3KE' 2H2F' FB32' 'EA'
32 ' KNBE!' 2F2 ' BB ' BE' 42F ' E' ' 2FEBBE3' E' @2' I 22O ' '' F2E4@'
C 'FG' L 'EA' E13' BK ' F 4@ CK3 4 H2F' @2' NBBF' B A' 4 G ' B' E1' @2F'
I @' 3 F' E3' '3' BKA' '3' @B32' B '@2F' B I E' 24@B 33' F KCN@3!' J% +#% $!

@2' 1'FA2E' B ' @2' (E4 B' 3' 2FG' 3C' ' LK ' L2'K K G' ' A I K !' ' '' 4FB33FB'A3' 3' N '42A' 'E' I # 6D' LFBK1@ ' FBC' 1GN ' 'EA' I @ 4@' @2' ' 2' A 34BH2F 23' E' @ 2FB1 G"6' N@ 43' 3@B I ' B' @'H2' L22E' 2F24 2A' @2F2 ' E' @2' B E 'E'C23' B ' 'AF 'E' 'EA' @ 3' 2CNF233' 'L E' ' B' @2 F' L2 BH2A' E EBK3 ' I @B' I '3' AFB I E2A' E' @2' 2' & ' 7 !

=' FBC' @2' KF @23 ' 'E1 2' B ' @2' 1'FA2E' I 2' BBO' AB I E' KNBE' @2' 3 F'E12' F'1C2E ' B ' I ' 'OEB I E' '3' @2' 8 (0

?' 2' FB" BF B' B F2 KE' 3BKH2E F' 4KF 2KM!' E' EBCE 2' ' E3 ' KE' N 'E' A2' CKF' 2' SK ' 'H 'E ' A2' ' F3' N 'F 2' AK' F2CN 'F ' A\ BEBF K3 ' 'H' ' 32FH ' '' 3BK 2E F' '' 2FF'332' AK' 'FA E' A'K)BC K3' 2 ' SK ' AK' 2CN3' A2' 2 3 ' F2 ' 2 ' ' A2 '' E4 E2' 4BCC2' ' \23 ' 'K BKFA\@K ! (B4BN2' F'44BE 2' SK2' 2 3 ' F2' HBK ' ' 2' F2L ' F ' C ' 3' SK2' 23' BC ' E3' 2E' 2C'" N&@2F2E ' ' FC 'E ' SK2' 42' NB E ' E\ "' ' N '3' !C' !.' N 'F42' SK2' ' E ' (2FF2' 'H' 'NFBC 3' A2' 2' A2 2EAF2!' FB4BN2' ' BK 2' 0 /' (2F3BEE2' E\ ' ' B32' F2N 'F2F' 42' CKF ' 2 ' ' F23 2' 2E4BF2' A 'E3' 2' C2C2' 2 ' !\ BK3' N KHBE3' 2E' A F2' 'K 'E ' SK2' (FB4BN2 ' 2 ' 2' CKF ' A2 '4@2' A2' '' 4B E2' '' 'SK2 2' ' 3\ ' NNKG ' 'F23 2' 2E4BF2' E4 E2' 2 '32 EL 2' NF23' A2' BCL2F!' 2' A2 ' 'AK' 3 212' A2' BC2' 23 ' 4BE FC2' N F' \ ' 3N24 ' 3 E1K 2F' AK' KFB" BF B ' SK ' ! 3 "!' # 1D 1 ' ' ! ' 5!' # 3 ! .' 2 ' 3KL3 3 2' A 'E3' 2" C2C2' 2 ' ' A2NK 3' SK ' BFP2' 3 23 ' 4BCC2' 3\ ' 2 ' ' 3BK 2EK' C F' 4K 2K32C2E ' N 'F' '' C ' E' A2' ' E ' (2FF2!' E' E2' 3 'KF' ' 1K2F2' FBKH2F' NBKF' \ ' K BF 2' 2CNBF2 ' A23' N 'N23 ' KE' C2 2KF' 3GCLB 2!J% 3 ' !.' / 3 ' ' ! 7 !

?' ' @2' KF @23 ' NB E ' B ' @2' (E4 B ' GBK' BBO' AB I E' FBC' @2' N 'F ' N2 ' KNBE' @2' KFB" BF B ' '' C ' 33 H2' F ' 1C2E ' B ' @2' B A23 ' BC 'E' I ' ' I @ 4@' K 3' BH2F ' '3' ' F2 'AG' B' KCL 2' AB I E' LG' 3' B I E' I 2 1@ ' G2 ' 322C3' 3 ' @2' CB3 ' EA23 FK4 L 2' N 242' B ' I BFO' @' ' C2E\3' @ 'EA3' 2H2F' N 2A' B12 @2F!' E' @2' L K2' A 3 'E42 ' F 32' BF '4 2 ' 'EA' B @2F @2 1@ 3 ' I @ 4@' @ 'H2' 1 2 ' C2A' ' 'F ' B' BKF' C '1 E ' BE ' LK ' BBO' 34 'F42 G' F2 ' ' B' BKF' LBA G' 2G23 ' L24 'K32 ' L2 E1' AF2 ' C2A' 'LBK ' 3B' CK4@ ' @2G' @ 'H2' 'O2E' @2' '2F ' ' E 3' I @ 4@' L2 BE1' BE G' B' '' AF2 ' C!' @232 ' E2H2F @2 233 ' 'F2' @2' 3B A' F ' C2 I BFO' B ' @ 3' @' ' 3@K ' E' BC2 ' 'EA' 3' LFB 'A' 3KFFBKEAT E1' 'CN '1E ' \ EB' 'EA' B 'AF2 ' C3 ' LK ' @2' LFB 'A23 ' N '12' B ' @ 3 BFG ' 4FB I A2A' 3B' K ' I @' C2CBF 'L 2' 2H2E 3 ' @ ' ' BE2' BL 2F' 23' 'EB @2F' '3' ' C2' @ 'A' 4FB332A' 'EA' F24FB332A 3' B I E' F24BFA3' ' @2G' 1F2 I ' 21 L 2!J% +#% $!.'

E' 2 'F G' CN2F ' ' ' @2' 3 2' B ' @2' (E4 B' 1 'FA2E' I '3

B44KN 2A LG @2 'CBK3 H '' B K4K K3 ' I@B @'A 1' E2A @ 3 2EBFCBK3 I2' @ '3 12E2F' ' B @2 BC 'E 'FC 33 E 3 '!

?' @2 2'B K4K K3 I '3 O2' 'E' 'E4 4E ' 4BC2AG ' I@2F2 F3 ' I2 322 1F2' ' '4 BE3 ' LB @ NB 4 ' ' 'EA C 'G ' 'EA ' 2F I 'FA3 2'3 3 A2T L 'K4@23 ' F'423 LG BF4@ 1@ ' 'EA 2H2FG O EA B ' F HB BK3 'CK32C2E ! BF 'CBE1 F HB BK3 'CK32C2E 3 ' 4'EEB ' LK ' F240BE @ 3 3KCN KBK ' H '3 ' I ' O3 ' 'EA L ' 3 'EA 3 ' CBF2 3B @2 N ' E E13 ' 3 ' K23 ' 'EA B @2F I BFO3 B ' 'F ' I @ 4@ @2 4B 24 2A ' ' CC2E32 2MN2E32 ' A G 3SK 'ET A2F E1 ' ' I ' G KNBE @2C @2 H '3 ' BF KE2 @2 ' C ' 332A E @2 I 'F3! E3BT CK4@ @ ' ' EB I ' I @2E KMKFG 3 3B CK4@ 'AH 'E42A ' @2 1 'FA2E3 B ' K4K K3 F 'EO I @ @B32 B ' 2 O E13 ' 'EA 'F2 23 22C2A @2 CB3 ' C '1T E 42E ' 2H2E B ' @232!J % -%

2F2 ' E @ 3 (E4 'E H ' ' K4K K3 1 'H2 @ 3 42 2LF ' 2A 2 '3 ' B 42FB 'EA (BCN2G ' C2F2 G C2E BE E1 B '' 3 'H2 L2 BF2@ 'EA @ ' ' @2 3@BK A 3KN E @2 @ ' ' B ' NB B ' I@ 4@ I '3 KEA2F3 BBA '3 '' 4BC C 'EA B NF2N ' F2' ' ' @ ' ' I '3 CB3 ' 3KCN KBK3!

2F K4K K3% @2 L2 'K K ' (E4 'E H '' L2 BE12A B ' 2F K3 3 ' 4K3 ' 'EA K ' @2 F2 1E B ' 'KA K3 I '3 4BH2 2A LG @ 3 @ I 2 ' 233 ' E '! @2 3KLBFE2A K K3 ' @2F 3BE\3 K BF B ' 24K32 @ C B ' '' 42E BK3 2 ' 'EA B '4BFFKN E1 @2 'FCG 2 E1 4BEA2CE2A B A2 @ ' ? 3 ' 4K3 A24 E2A @2 4BKE32 B '@ 3 F 2EA3 B 3 'FH2 @ C32 ' '' 4BKF32 I @ 4@ C 1@ ' 2 'H2 'E E 2FH ' BF @2 4@ 'E42 B ' N ' FABE ' EA ' 2F @2 B G '3@ BE B ' @2 'E4 2E ' BC 'E3 ' L ' @2A ' N2F KC2A ' 'EA 3KNN2A C '1E 42E G ' 'EA @2E BN2E2A @ 3 H2 E3 ' 'EA 2 ' @ C32 ' L 22A B A2 ' @! 2 BF2 AG E1 @2 E3N24 2A @2 NGF2 NF2N ' F2A BF @ C E @ 3 B I E 1 'FA2E3 ' 'EA BFA2F2A ' B L2 F2CBH2A B 'EB @2F 3NB ' @ ' ' 'E KCLF '12BK3 N 'N ' BE I @ 4@ BH2F@KE1 ' C 1@ ' EB ' L2 E KF2A LG @2 'C23!J

3 3BBE '3 3@2 @2 'FA B ' @ 3 A2 ' @ ' 233 ' E '' BBO NB33233 BE B ' @2 H ' ' 'EA @2 A @ 1@ F2H2 ' @2F c I @ @2F EKC2FBK3 BH2F3 ' I @ @2 CB3 ' 'HBKF2A B ' I @BC ' K3 ' 3@2 @ 'A '2 K G 1BE2 @FBK1@ @2 F2 1 BK3 F 23 B ' C 'FF '12 E @2 2 C2 B ' @2 2CN2FBF ' I@B I '3 'L32E ' ' ' 3 '! K ' '' 4BE3N F '4G ' CB 1 @2 F22AC2E B ' @2 FBG '

@BK32@B A' E BEE2A' @2' 2CN2FBF' B ' I @' ' I '3' 'O E1' N '42' 'EA' ' ' '3 '
2H2E' 'KA K3' I '3' 'FBK32A' B' '' 32E32' B '@2F' 2EBFC 23!
?' '@2F' 3KLKFL'E'N' '42' 233' E'' I '3' 'L'EABE E1' @2F32 ' B'HB KNT
KBK3' F'E3NBF 3!' @2' 32'3BE' I '3' C A"'K KCE' @2' H E '12' I '3' E' K '
NFB1F233'Ù @2' I E2"NF233' I '3'1FB'E E1Ù @2' FKAAG' K 42' I '3'3 F2'C E1Ù
I BC2E'1 F' I @'34'E G' 'I 3O E3' A'E42A' '3' AFKEO2E' '44@'E' 3' 'FBKEA'
@2FÙ I@ 2' 3@2' @2F32 ' I @'@2F' @' F' BB32' 'EA' A 3BFA2F2A' LF'EA 3@2A'
@2' @GF3K3' E' @2' C A3 ' 'EA' K3' LG'@2F' 3 A2' LK3O E2A' 'EA' 4FB I E2A'
= I @' HG' B332A' @ 3' @2 'A' B' @2' 'KE E1' 3 F' E3' B ' 2EK3' 'EA' @2'
' GF3!' 2 K3' BE2' '322C3' B ' @2' I 'E BE\3' 2 3' BF KE' 2'N 'F' CBKF3'
' 2EA2A' @2' 42F2CBEG' 'EA' 4 CL2A' E' C2FF C2E' '' B G' F22' E' @2'
1'FA2E!' @2E' '3O2A' I @' ' @2' 3' I ' @2' F2N 2A' /' 'E' ' I K' 3 BFC' FBC'
3 ''\Ù 'EA' I@2 @2F' @2F2' I '3' '4 K' G' 3K4@' E' 'NN2'F'E42' BF' I@2 @2F'
@2' I BFA3' I 2F2' 3NBO2E' ' 'F'EABC' @2G' I 2F2' '442N 2A' 2F I 'FA3' '3' 'E'
BC2E' B ' @2' 4' '3 FBN@2' I @ 4@' SK 4O G' B B I2A!
? BF' EB I' E' @2' C A3 'B ' 232' I 'E BE' BF1 23' @2' FKCBKF' SK 4O G'
3NF2 'A ' 'EA' 3 I G' C2332E12F3' 'FF H2A' B' 4BE F ' ' @' ' 'KA K3' 0E2 I '
' ' ' @' ' 'KA K3' I '3' BE' @ 3' I 'G' [' BC2 "' EA' I '3' 4BC E1' E' 'E12F'
'EA' H2E12' E42!' @2' BH2F3' N ' F Ù K3' BF' @2' BFKC' 'EA' @2' F LKE' 3Ù
233' E'' BF' @2' 3@'A2' B ' @2F' 1'FA2E3' BE' @2' (E4 B ' @2' NF 42' B ' @2'
L BBA' B ' @2' CKFA2F2A' 3 ' 4K3!J' E42' @2' 2CNF233' ' 2CN 2A' B' 1B'
BF @' B' C22 ' 'KA K3' 'O E1' @2F' 4@ AF2E' I @' @2F' 'EA' '44BCN'E 2A'
LG' L A ' ' @2' 2 A23 ' B ' @2' H23 ' ' H F1 E3' I @BC' 3@2' N2F3K'A2A' B'
E 2F42A2' BF' @2F' LK ' @2F' 2E2C 23' NF2H2E 2A' @2F' 1' E E1' '44233' B'
@2F' @K3L'EAÙ L A '' I '3' 3' 3 2A' BF' @2' CBC2E ' LG' H ' 1K2' NFBT
C 323' B ' '' ' 2F' @2 'F E1Ù 'EA' KNBE' @2' 'FF H' ' B ' ' A K3' E' BC2 '
K3' 'EA' @2' B @2F' NF E4 N' ' BH2F3' B ' @2' 2CNF233' I 2F2' NK ' B' A2' @!
/'/' ' 233' E'' @BN2A!' @2' @' A' I @AF' I E' '1' E' B' @2' 1'FA2E3' B '
K4K K3' 'EA' I '3' @2F2' 2E1'12A' E' 4BCNB3 E1' 'AAF23323' B '3KNN 4' BE'
B' @2F' @K3L'EA ' E' I @ 4@' @2F' NF A2' 'EA' BE1"'44K3 BC2A' E3B 2E42' 3 '
' E G' 3 FK11 2A' E B' @2F' 2'F3!' @2' 2CN2FBF' 3 ' N' 2F2A' I @' @2'
F2 '3BE!' 2' @'A' F2 F2A' B' @ 3' N' '42Ù @2' @ 'A' L' @2A' 'EB E 2A' 'EA'
' E' AB I E' B' 3KNN2FÙ 'EA' I 'FC2A' I @' I E2' 'EA' 12E2FBK3' 4@22F' @2'
@'A' '4 K' G' A23N' 4@2A' '' C233'12' B' @2' ' - ! #1 !: '3' @2' 4' 2A'
@2F' L AA E1' @2F' 4BC2' @2' E2M ' A'G' 'EA' N 2' A' @2F' 4'K32' L2 BF2' @ C!'
K ' @2F' 2E2CG' 'F4 33K3' 0EB I E1' @B I ' 2' 3G' C 1@ ' L2' @2' N'33'12'
FBC' 4BCN'33 BE' B' BH2' 1 A2A' FBC' @2' 4@'CL2F' 'EA' LB A G'
BFA2F2A' '' F LKE2' 'EA' 3BC2' 42E K BE3' B' 1B' 'EA' 3 'G' @ 3' H 4 C!'
/ K4@ \' @2' 3' A' / I '3' @2' 2CN2FBF\3' 4BC C 'EA\Ù 'EA' @ 3' I BFA' I '3'
BL2G2A' I @BK ' @23 ' SN!' $ 2F' @2' A F24 BE' B ' @2' F22AC 'E

9 E4 ' ' /

KBAK3' @2' 'FC2A' C2E' 3BK1@' @2' BK 4'3' E' @2F' 1'FA2E3' I@2F2' 3@2' 'G'NFB3 F' 2' BE' @2' 1FBKEA' LG' @2' 3 A2' B' @2F' CB @2F' 2N A'!' @ 2' @2 F' BF KE23' BKF 3@2A' A 332E3 BE3' @'A' 2M 3 2A' L2 I 22E' @2' I BD' LK' EB I' E' @2F' '3' A 3 F233' @2' CB @2F' @'A' F2 K32A' B' A232F' @2F' 4@ A' 'EA' BE G' FBH2' B' E2FH2' @2F' F23B K BE' B' '' HB KE 'FG' A2' @!' / 2 (3@2' KF12A' / 3' BH2FD EBK1@' F2C' E3' LK' B' BB$' BF '' A242E' 2M ' FBC' (K' @2' 3BK' B' @2' F2NFBL' 2' I '3' 4BFFKN 2A' LG' @2F' H 423D 3@2' F2 ' E2A' EB' 32E32' B' @BEBKFD 3@2' 4BE EK2A' B' I 22N' 'EA' 1FB'E' '3' '@BN2' 3 ' 2M 3 2AD I@2E' 3KAA2E G' @2' ABBF3' I 2F2' LKF3' BN2E' @2' F LKE2' 'EA'@ 3'=' 3 I BFA3C2E' 'NN2'F2A' L2 BF2' @2F' 'EA' KBAK3' '33' 2A' @2F' AKCL"3 F 4O2E' '3' 3@2' 'G' I @' 4BE KC2 BK3' 'EA' LFK ' ' F2NFB'4@23!' BK32A' ' ' '3' B' @2' 4BE34 BK3E233' B' @2F' A23N2F' 2' 4BEA BE' 3@2' BBO' '' I 2'NBE' FBC' BE2' B' @2' C2E(3 @'EA3' 'EA' NF2332A' ' F2CL E1' '1' E3' @2F' @FB' ' 'EA' LB3BC!' ' 3@2' I 'E 2A' F23B K BE' B' 1 H2' @2' @FK3' ' 'EA' ' I '3' LG' '' L B I' B' @2' F LKE2(3' ' 4@ BE' @' ' @2' @BFF A' A22A' I '3' E' G' '44BCT N 3@2A!' @2' A2' @' B' 3 ' 4K3' I '3' 'H2E12A' BE' @2' H2FG' 3NB D @2' @B' L BBA' B' @2' I 'E B '3CBO2A' BE' @2' N'H2C2E' B' @ 3' 1'FA2E3' 'EA' 3 ' E2A' I @' '' A22N2F' @K2' @2' H' '' 41' 2A' C'FL 23' B' K4K K3!' J% ' * '"!' #.' ,%!' 3 $'#35!' /3' !

FBC' @2' 1'FA2E' B' @2' (E4 B' '' 2FF'42A' FB'A' L2E2' @' I@ 4@' 'F2' @2' BE1"4 B32A' 4' '4BCL3' B' !' 2 M' 2'A3' B' @2') ##7' $ 'LK ' BF' 'FA E' ' 44'A'' BE 2NK 4 'EB' LG' EE L' 2' NN' E' \:<!' @BF G' ' 2F I 'FA3' ' N'332A' E B' @2' @'EA3' B' @2' 2A 4' 'C G' 'EA' I '3' 1F2' G' 2E 'F12A' LG' 'FA E' ' 233'EAFB' A2' 2A 4' ' 2F I 'FA3' 2B' 5 ' E' ,<' @2' 4'A2C G' BF' F2E4@' F " KA2E 3' BKEA2A' LG' BK 3' 5 !' I '3' 23 'L 3@2A' @2F2!' @2' H ''' 4BE ' E3' '' E2' 4B 24 BE' B' 4'3 3' BN2E' 2H2FG' A 'G' 2M42N' KEA'G!

2@ EA' @2' H ''' 3' '' L2'K K' G7 $ ' I@ 4@' 4'E' L2' H 3 2A' BE' 'NN 4' BE' B' @2' NBF 2F !' @2' 2FF'42' I@ 4@' BBO3' AB I E' KNBE' @2' '' BF1@232' 3' LBFA2F2A' LG' 'E4 2E' 3'F4BN@'1' 'EA' @'3' '' 4B B33' '3 ' K2' B' BC2!' @2' 1'FA2E' 3 A2' B' @2' H '' @'3' 3BC2 23' L22E' '34F L2A' B' 4@'2' E12 B!' -

?' '' N K3' 1F'EA2' 4 SK2 2F 2' A2' '' C' 3B ' 4(23' '' ' 'A2' NB3 2F 2KF2!!

2' 2E ' 3BE' F'E1' N'FC ' 23' 4@2 3"A\B2KHF2' A2' '' 2E' 33'E42!' E' A F' ' SK2' \' F4@ 24 2' '' 2NK 32' KE2' C E2' A2' L'3"F2 2 3' 1F243' 2 ' FBC ' E3' NBKF' 2E' 'N 332F' 3BE' N' ' 3!' 2' 'FA E' 23 ' A2' '' C2C2' 2NB K2'\ ' A' 2' AK' 2CN3' B ' \' F 3 B4F' 2' FBC ' E2' NFB 233 ' ' 2' N K3' NFB BEA' A2A ' E' NBKF' 23' 2KF3!' E' E\G' HB ' SK2' A23' C '33 3' A2' H2FAKF2 ' ' 1EF '' 'H24' KE' 3B E' 34FKNK 2KM!' M' N2 BK323 ' ^E BKF223' A2' @ ' 23' '' @ ' K 2KF' A\ 'NNK ' 3\2 2E"' A2E ' A2H ' E ' '' H '' 2 ' ' 332E ' 4BKF F' '' HK2' K3SK\ 'K' CBE ' BF ' 4 2 ' SK ' 2FC2' \@BF PBE!' ' 1 'K4@2 ' SK ' F2' B 3' SK ' F2' 4 'FF&' A2' 1 'PBE' 3\2E"' ='4 ' AF2E ' A ' E3' A2' @ ' K 23' CKF ' 23' A2' 'KF 2F3 ' A2UBK 3' 1 1 ' E 23SK23' 2 ' A2' 4@2E23' H2F 3!' 23' CKF ' 23' 32' F2 B 1E2E ' 'K"A233K3' A23' ' 223' 2 ' 23' 2EH2 BNN2E ' A\KE2' BCLF2' F ' 4@2' 2 ' CG3 2F 2K32!' ' AFB 2 ' KE2' 2F"' F'332' A\KE2' 3 G 2' EBL 2' 2E4 ' AF2' KE' LB 3' A2' 4@2E23' H2F 3 ' BFAK3' 2 ' 2H2E F 2' N ' F' 2' 2CN3!' U\G ' H ' 3' SK2 SK2 B 3' F'H ' 2F' '' \BCLF2' \ 2 ' 2' C2F 2' F H ' 32' 'H24' 2' FB33 1EB ' 'K"A233K3' A2' C '' 2 2 ' 4BCC2' KE' L2 'K' 4@ ' E F2' A2' H '12' N2E ' F H ' 32F' 'H24' 'F B' BK' B12F!' $E' N2K' N K3' B E ' KE2' H 1E2' BK 2' FK3 SK2' 3\2 2EA' K3SK\ '' '' NBF 2' \ E4 'E' ' B ' 2 3' F2' '' C2EA ' A "BN!' 23' 'FA E3' N2 3+2 ' 1F'EA3' 3 E ' 32C&' A2' 3 ' K23 ' A\ 2FC 2 ' 2 ' A2' C ' FLF23' A2' BK 2' 3BF 2!' \2 'K' >K 2' A ' E3' A23' 3 'F4BN@ ' 123' 'E SK23' BK' ' ' A ' E3' A23' H ' 3S ' 23' A2' C ' FLF2' \ 2' C ' FLF2' 2 ' \2 'K' 32E ' 23' A2KM' KM23' A2' BC2!J% 1#:' 3!' $#! 3, $! ?' @2' 1FBKEA3' B ' @2' '' 2A 4 ' ' F2' ' A' BK ' E' @2' B A' '3@ BE' B ' 3 F ' 1@ ' N ' @3 ' I @' LBFA2F3' B ' LBM ' I @ 4@' BFC' @2A123' B '1F2 ' ' @2 1@ ' 'EA' A2E3 G ' 'EA' 'F2' 3@BFE' 'EA' F CC2A' B' @2' 2H2EE233' B ' '' I ' ' B ' 3 BE2 ' ' ' @2' BN' 'EA' 3 A23!' @2F2' 'F2' 1F22E' ' 2G3 ' I @' BE1' H 3 '3 ' BH2F3@ ' AB I 2A' LG' 2M" F223\' 'EA' ' ' 2 ' 4@' E 2F324 BE' 1 ' @2' N ' @3' @2' H 3 BF' EA3' 32 ' 3' S ' 4@2E"4BH2F2A' 3 BE2' B' F2NB32' KNBE ' 'EA' C ' FL 2' 3 ' K23' @ ' ' BBO' BF BFE G ' ' ' @ C ' F21F2 K ' B ' @2 F' B3 ' EB323!' E' @2' CBF2' BN2E' NBF BE3' B ' @2' 1 'FA2E ' L2 BF2' @2' 34K N KF2A' FBE ' B ' @2' H ' ' GBK' 322' BKE ' E3' 'EA' B I 2F"L2A3\' 'EA ' E' @2 F' 32 '3BE ' '' NFB KT 3 BE' B ' FB323 ' FBC' I @ 4@' @2' 12E ' ' 3KE' B ' ' G' A 3 3' '' F '1F 'E42 ' B' L2' 34 ' 2F2A' 'LFB 'A' LG' @2' EB' 233' 12E ' ' LF22P2!J% +#% $!

' 324BEA' ABBF' I ' 'AC ' B' @2' @ 1@2F' 2FF '42' B ' 0@ ' : 6 @ 00 \' '' EG' I BBA' B ' ' E4 2E ' 2M23 ' FBC' I @ 4@' '' 3 22N' 1@ ' B ' 3 2N3' 2 'A3' B' @2' ?' 2 H A2F2 J' I @2E42' @2F2' 3' '' L2 'K K ' H 2 I !'

?' @2G' '3O2A' @2' NBF 2F' BF' @2' O2G' B ' @2' B34B ' I @ 4@' I '3' 1 H2E ' 'EA' @2G' 2E 2F2A' '' 1FBH2' S ' 2M23 ZF@B32' 1 BBCG' 3@ ' A2' 2 24 K ' G' 3@K ' BK ' @2' F ' A 'E ' 3KE3@ E2' @N ' 3 ' KC E ' 2A' @2' I 23 2FE' 3OG!' @2G

N ' ' D 4#,

@2E' '342EA2A' '' BE1' 'EA' 2M422A E1 G' 3 22N' 1@ ' B ' 3 2N3 ' 2 ' A E1' KN' B' '' @ 1@' CBKEA' 4BH2F2A' I @' 2M23!'

?' 2F2' LB @' 3 BBA' 3 ' 3 A2' LG' 3 A2 ' 1 ' P E1' 3 2E G' BE' @2' 4 G' I @2F2' ABC2' 'EA' L2 " B I 2F' 3 BBA' BK ' '1 ' E3 ' '' 3OG' B '1B A' @2' A23BT ' 2' BE 2' 'F B' 'EA' 3' 3 BE2' N E23' F 3 E1' A ' FO' B' @2' F 1@ !' 2@ EA ' 4 B32' ' ' @ ' EA ' I 2F2' 3BCLF2' 2M' I BBA3 ' ' C A' I @ 4@' FB32' @2F2' 'EA' @2F2' @2' 3N F2' B ' '' 4GNF233' BF' '' FK E2A' 'F4@ ' 'EA' BE' @2' @ 1@23 ' NB E ' @2' I @ 2' '' KABH 3 ' L2GBEA ' 3 F2 4@2A' @2' 'CN ' 1E ' ' 1 FA 2A' LG' @ 3' C2 E1' E B' 1@ ' KEA2 ' @2' 2H2E E1' 3OG > (5! 3 !'"!'

[

FBC' @2' ABBF' B ' @2' '' 2A 4 ' 3' @2' 342E2' 'C 'F' B' 'F 3 3 ' B ' '' BKE ' E' 3@ ' A2A' LG' 2M23 ' I @ 4@' F ' C2' '' A 3 'E ' H 2 I ' B ' !' (2 2F3!

? U2' HB 3' A2' '' '' 2A 4 ' 23' SK ' F2' 4 ESK2C23' A2' '' H 2' 2' CN 2' 23' 32N ' 4B E23 ' 2' N ' F4BKF3' 23' FK23' F21K 2F23' SK ' 3 2 2EA2E ' 2E F2' 2' 4BKF3' 2 ' '' N ' 42' A 3N ' 1E2 ' 2' ' 3' 2' A2EBCLF2C2E ' A23' N ' ' 3 ' A23' 21 323 ' A23' ABC23 ' 2 ' A23' 4 B4@2F3' 2' C2 1 ' FZ' A ' E3' 2' * @2 B' 2 ' A ' E3' 2' F ' 3 2H F2!' U2' E2' HB 3' N ' 3' A23' C E23' ' K ' E ' SK2' 2E' HBKAF ' 3 2 23' 3BE ' F ' C ' 33 23' '' L ' 3 ' 3KF' C '' 1 ' K4@2 ' ' KM' 2EH FBE3' AK' BFK C!' 2'' =N2EA ' E ' EBK3' 'HBE3' BK ' NF23' A2' EBK3' '' 4B BEE2' E BE E2' 2 ' 2' C ' K'' 3B 22' A AF 2E!' '' HK2' 23 ' 2FC22' '1F&L 2C2E ' N ' F' 23' N E3' A2' '' H '' N ' CN@ ' SK ' F2KE 332E ' 2KF3' 'F123' N ' F ' 3B 3' 2 ' BE ' 4B C C2' KE2' 'L 2' ' C 2' N 2A3' NBKF' KE' F2N ' 3' A2' 12 ' E 3!' @BF PBE' K ' O' 1 ' K4@2' ' A23' A 3 'E423' E E ' '' N ' E2' 23 ' EK2 ' BEAK 2K32' 2 ' L 2K2' 4B C C2' '' C2Ff ' 3' 3 ' 2' HBK3' C2 ' 3' 2E' NF232E42' A KE' 3N24 '4 2' 3 ' ' 2EAK' 2 ' 3 ' A H2F3 ' C' 32K ' BL 2 ' ' F2F ' 'HB3' F21 'FA3 ' KE' 32K ' F ' NN2F ' 'HB F2' ' 2E BE' HBK3' E 'KF 2P' A23' G2KM' SK2' NBKF' ' E ' (2FF2!' BE' A ; C2' 23 ' CB 2' A ' E3' '' H 2 ' CB 2' A ' E3' '' A2 !' >K ' EA' BKHF2' C '' 2E2 F2 ' H2F3' 4 ESK2' @2KF23' AK' C ' E ' 2' HB 3' BC2' EBG22' A ' E3' 23' LFBK 'FA3' A2' '' 2HF2 32K ' 2' ABC2' A2' ' E " (2FF2' 23 ' 4B BF2' N ' F '' KC 2F2' FB32' AK' 3B A ' 2H ' E !J% 1#

@2' 2FF ' 42' ? '' (' 33211 ' '' J ' 2EA3' ' ' ' I # 6D' '0@ 0$ ' $ ' 0 ' ' ' ! " # $ ' % & ' ' (' ') * BKEA' ' E2 ' F' @2' @KF4@' B ' 'I' FB42' E' * 2FK3 ' 2C C2!

? @2E' @2' H2' 'F '' 3BKEA3 ' ' 3' C2' B' 1B' B' @2' 4@KF4@' B ' F E '' A2 BE ' I @2F2' F2E4@' EA 3' 3 E1 ' EA' ' 3' 4@ ' FC E1' B' @2 ' F' @2C!' ' A24 'F2' B' @2 ' H2E' @ ' ' ' ' C' L24 ' C2' SK 2' B 2F ' E ' ' EA' 3 2E

B L 'A CK3 4 I @ 2A 4 ' BE LK I @ ' 4 'E AB R @2 4BCNB3 BE 3 N2F 24 G F A 4K BK3 @2 BF1 'E"N 'G E1 2H2E CBF2 'L3KFA LK 3 I 1@ 'EA @2 I @B 2 B @2 3C ' LF 1@ 4@KF4@ 3 2A I @ N2F3BE3 OE22 E1 KN LG @2 3 EO E1 3KE 2 '4@ C2 @ ' @2 ABBF 3 BN2E2A LB @ @2 3 E1 E1"EKE3 @ 'H2 @2 3 I 22 23 ' HB 423 E @2 I BF A SK 2 2EA2F 'EA BK4@ E1 C4 2 23N24 ' G I @2E BE2 B @2C 3 E13 @2 F23NBE323 E @2F C2 BA BK3 HB 42 I @ 4@ I 2 'F2 '44K3 BC2A B @2 'F 4@ 'KE 2A LG NF 23 3 E '' BKA @ 'F3@ CBEB BEBK3 BE2! @2 CNF23 V3 BE 3 H2FG 3 E1K 'F CBF2BH2F 3 I 2 OE B @ ' EB BE2 3 N2FT C 2A B 322 @2 ' F 3 E12F3 3B @ 3 4 'K32A C2 B BFC '' 3 F' 12 F23B K BE! @ 'H2 4BCNB32A 3BC2 @ E1 B 3K @2 F HB 423 I @ 4@ @ 'H2 BL32FH2A H2FG C EK 2 G 'EA C2 'E B 2EA B @2C! I L2 N 2 '3 'E B @2 'F CG 4@ 'KE N2F BFC2A LG N2F3BE3 E2H2F 3 I 23N24 ' G '3 @2G CK3 E KFE 3 E1 B @2 / L 'F@ 'FB 2A234@B I @BC @2G ' 3B E2H2F L2@2 A!%

?' E @2 2H2E E13 N2BN 2 1B B @2 F E B @2 'F @2 EKE3 3 E1 FBC @2 BF1 'E"1' 2 G 3BKEA3 O2 @2 3 E1 E1 B ''E12 3! E2 3223 E @2 4@B F FBBN3 B GBKE1 34@B 'F3 BH E1 I @ 3 B I 'EA C2 '3KF2A 3 2N3 I @ @2 F BE1 I @ 2 H2 3 O2 '' B4O B 3N F 3!J%E (5! ! 3!

0

@ @8 @ '0@ 0@ $ 0 I '3 LK E :8\ cG @ 'F 23 ! B F 'E42 ' @2 F2SK23 B ! F 'E4234B A ('B '! E @2 F2E4@ F2HB K BE I '3 N KE NF2A LK I '3 F23 BF2A LG BK 3 5 ! E , -! 4BE ' E3 32H2F ' ET 2F23 E1 N ' E E13!

E @2 324BEA 4@ 'N2 BE @2 2 3 @2) 2342E FBC @2 FB33 @2 C '3 2FN 242 B & 7 D# $7) " 7 A24 'F2A LG 4@B '3 (BK33 E B L2 @2 @ FA N 4 KF2 E F2 IBF A LK 2FF L G E KF2A LG @2 F2E4@ E @2 F ' 2CN 3 B F2CBH2

? 2 C 1@ ' CB3 'E4G BKF32 H23 3N24 ' BF3 B @2 CBKFE K 342E2 % @2 2A22C2F I @ 2 L2 E1 F2CBH2 FBC @2 4FB33 1F 'AK' G 3 EO E1 ABIE I @ ' @ ' F2 'M' BE B CL 'EA K 2F @2 N 233E233 I @ 4@ L2 BE13 B '' A2 'A LBAG @2 '33 3 E 3 2E1 '12A E @2 FH 'F BK3 AK 23 'EA @FBIE E B A 2F2E SNA 4BE F '3 2A ' KA23 E 2E G B44KN 2A

I @ @2 3'4F2A F2C ' E3 I @ 4@ @2G 3B F2H2F2E G 1'P2 KNBE @2 CB @2F B @2 BFA E '' 3 I BBE 'C A3 @2F ' 4 2A 4BCN'E BE3 @2 A 34 N 2 I@BC @2 BH2A 3 'EA E1 I @ BK 3 F2 4@2A 'FC3 'L3BFL2A E 4BE 2CN ' E1 @2 CG3 2F BK3 3N24 '4 2! @2 FK @ E @2 F2NF232E 'T BE B @2 2MNB32A N'F 3 B @2 LBAG 'NN2'F3 B L2 E' KF2 32 ! @2 4B BKF E1 B @2 @2'A3 'EA B @2 I @B 2 N 4 KF2 '44BFA3 NF24 32 G I @ @2 3KL 24 A 3N 'G E1 3 F2E1 @ F' @2F @'E A2 4'4G '' @'FCBEG 'EA E 3@BF '' A21F22 B '!3O B I @ 4@ ! E12 B @ C32 C 1@ @'H2 L22E NFBKA @2 N 4 KF2 @'A L22E E34F L2A I @ @ 3 E'C2! EA B @ 3 '=' L 2H2 @2 'K @BF ' KA2A I @2E @2 N' E 2A @ 3 F 2EA I @ '' BBO E1" 1 '33 E2 F '3 B E C' 2 @' @2 C 1@ F24B1E 32 E @2 N 4 KF2 '' F2 24 BE B '@ C32 !>% D $2

?')'E 2 2 A'' B 2FF'(3) 2342E FBC @2 FB33 3 BE2 B @2 42 2T LF' 2A N 4 KF23 B @2 I BF A 'EA @'3 H2FG 1F'EA 2' KF23! @2 LBAG 3 EB 30 K G 3K3 ' E2A E2H2F @2 233 @2 EKCL2F B 3 FBE1 C2E 2CN BG2A 'LBK ' C'023 KN E 3@22F CK34 2 BF @2 'L32E42 B 30 ! 2F2 'F2 BKF 'AA2F3 '1' E3 @2 4FB33 3 ' I 'F 1KF23 3 'EA E1 '342EA E1 'EA A2342EA E1 KNBE 2'4@ 3B @' 2 3N'42 L2 I22E @2 4FB33 'EA @2 1FBKEA 3 'L3B K 2 G ' H2 I @ C'1E 42E E23! @2 F1 E 23 BE BE2 3 A2 'EA 3 02 '' 1F'EA 4F2 KF2 3 FK4O AB I E LG '' 3KAA2E A2 @T L B I ! @2 @'3 ' 2E 02 E'E '3 E 'N@'2 (3 4'F BBE ' I @ @2F @2 L2E 'L'40 I 'FA3 'EA @2F 'FC KEA2F @2F! @2 4FB I E B @BFE3 @'3 L22E '02E FBC @2 A2'A LFB I 'EA F23 3 BE @2 2EA B 'BE2 B @2 'AA2F3!J (5 '/ #" !

@2 @ FA 4@'N2 BE @2 F 1@ 4BE ' E3 'E 33KCN BE B @2 F1 E 'EB @2F IBFO B & 7 # '$7) #0 7 @2 @ 4@'N2 3 'ABFE2A I @ F234B23 B @ 3 34@BB ! @2 3 M @ @'3 F234B23 B @2 34@BB B ! 8% @2 F234B23 E @2 F 1@ F'E32N 'F2 LG ! '<8 7 ''EA ! '$ #)7%7 f E @' B @2 (FB4233 BE B ! *F21BFG @2 C'K3B 2KC B 'AF 'E 3 F2NF232E 2A '3 ''NN2'F2A E @2 C2 B 2B 5!

@2 'A B E E1 5 0 '0@ 7 8 3 CK4@ F2T SK2E 2A '3 ''N '42 B '2AK4' BE! @2 EKE3 'F2 ' 'N2F3BE3 B F'EO! @2E '' 'AG 'O 3 @2 H2 '@2F E2'F23 'F2 ' BE3 E@2F '@2F NFBN2F G 2M42N ' ' K ' BBBW! I @ 4@ 1B23 B @2 4BEH2E ! @2 EKE3 'F2 ' B I 2A 4 'F2 ' E EB N2F3BE ' 'NFB"

N2F G LK @2G I 3@ 3 B @ 'H2 @2 K32 B @2 F LBBO3 @2G 1 H2 @2C B @2 4BEH2E LF 'FG! @2G F242 H2 H 3 BF3 2H2FG ' 2FEBBE 'EA SK 'E 23 B N2BN 2 1B B @2C FBC 4KF B3 G BE @2 N 2 ' B 3220 E1 'AH 42!

FBC @2 F E @2 IB NBNK 'F 3 F22 3% 3 E ' 'EA *F21BF 'E '% LF'E4@ B @2 BFC2F 2 'A E1 E ' A F24 E2 = @BK1@ @2 E 'C2 4@ 'E123 B '! 'F ' '11 BF2 'EA @2E42 B ! UB@E ' 2F 'E 'EA '! FB42 E *2FK3' 2CC2! @2 @BK32 'A B E E1 @2 F E O I '3 @' B 4@B '3 (BK33 E @' ' @2 'E1 2 B @2 IB 3 F22 3 4' 2A @2 9 00 I '3 BE42 E@'L 2A LG 'KA2 BFF' E2! @2 'A B E E1 @BK32 ; : 3 E' % BFC2F G OEB I E '3 (' 'PPB A2 ' 21 E ' AX (B BE ' FBC 'F ' '3 C F' >K22E B (B 'EA I@B F23 A2A @2F2 BF '3BC2 'G2 'F3% I '3 E@'L 2A LG @2 `K44'F 'C G 'EA @'3 N' E E13 BE @2 1FBKEA" BBF LG E $ % <8 7 E2 B @2 FBBC3 L@ @2 F3 " BBF I '3 'ABFE2A I @ F234B23 LG CBA2FE *2FC 'E 'F 3 3 @2 2MN2E32 B @2 (FK33 'E 4BE3K 'F @B AG H P!

@2 2 E1 B UB32N@ 0 *! !-4#
UB32N@ 'EA (B N@ 'F(3 2 0 9! #
22 E1 B UB32N@ 'EA @ 3 F2 @F2E 0 $!" 1
@2 2H2E 2 'E 2 'F3 0 *! !-
UB32N@ E 2FNF2 3 @2) F2 'C3 E (F 3BE0 -% 5 +
@2 F2 @F2E LF E1 UB32N@(3 B ' B U '4BL 0 -% 5 +
UB32N@ E 2FNF2 3 @2) F2 'C3 B '(@ 'F 'B@ 0 $5 1
@2 2H2E (2E K 2 'F30 9! #

E @2 2 B @2 ('PP ' A2 (BNB B @2) 7 : 7I8 LF 'E4@23 B A2F H E1 3 E 'C2 FBC @2 CK ' 2A 1KF2 BE ' BKE ' E @' I 'G ABI E!]E @2 F 1@ 3 @2 *F220 @8 @ 07 76 ' 2A B ' 4B 212 BKEA2A LG *F21BFG 5 ! E \ ,R !

2@ EA' @ 3' 3 F22 ' 3' @2') 7' 7 %8007 ' ' CB3 ' 2E F2 G' E@ 'L 2A' LG' 'F 3 3' 'EA' 34K N BF3!' !

?' @2' '' 'F1K '' 3' '' 3 F22 ' B ' 3 KA B3' 'EA' 3 'L 23 ' 4FB332A' ' ' @2' KNN2F' 2EA' LG' '' 2' FBB 2A' 1 ' 2FG' I @' '' 3 E1 2' I EAB I ' O2' '' 3@ 'LLG' F A12' B ' 1@3!' BF323' 'F2' 4BE EK' G'L2 E1' I '3@2A' 'EA' 4KFFG4BCL2A' BK 3 A2' @2 F 3 'L 2' ABBF3() F2SK2E '@2 'N3' B ' 3 3 $5!22 D ' C 'O2' @2' ' F KE F 'F 'E () 'EA' @2' N2F3N24 H2' 3' F2SK2E G'A 'C '12A' LG' FB I 3' B ' E2E' 3K3N2EA2A' '4FB33' @2' FB 'A' FBC' I EAB I ' B' I EAB I !' $E3 1@ G' '3' @2G' ' 'F ' @B I 2H2F ' @232' BL3 '4 23' E' EB' I 32' ' 24 ' @2' NBNK 'F G' B ' @2' '' 'F1K ' ' 2 @2F '3' '' F23 A2E42' BF' @2' 'F 3 ' BF' '' BKE12' BF' @2' 'C ' 2KF!' '3@ BE 'L 2' N ' FBE3' 2 'H2' @2 F' 4 'FF '123' ' ' @2' 4BFE2F ' ' EA' N 40' @2 F' ZH 'G' A ' E G' 'CBE1' @2' 1K 2F3' 'EA' AK3 "@2 'N3!' ' LB 'F"@KE ' LG' ' '" ' ' 4BCN2E3 ' 23' BF' 'E' KE K4OG' 3N '3@() 'EA' '' 4 ' CN '1E'' 3KE32 ' B ') 23BK 'H2G' 1 B I 3' ' ' @2' F 4@2F' BF' @2' 3SK ' BF' @FBK1@' I @ 4@' ' 3' 'NT NFB '4@2A!J% # '

E' @ 3' 3 F22 ' ' 3B' 3' 3 K ' 2A' @2' 60 0 ' 7$ 3

?' C '1 E2' '' 1F2 ' ' L ' C ' B ' '' FBBC ' I @' A E1G' I ' 3' @ ' '4BH2F2A' I @' 4@ ' O' 3 KA 23' B ' @2' 1KF2' E' ' 'NB33 L 2' ' KA23!' NNB3 2' @2' ABBF' 3' '' B I ' N ' BFC' I @' F2HB H E1' BN ' 'EA' L23 A2' ' 'E' !- -%!.' BF' N '3 2F' 1KF2' L2F2 ' B ' 3O E ' 3B' '3' B' 2M@ L ' @2' CK34 23!' 'E123' B ' L2E4@23 ' F ' 32A' BE2' 'LBH2' @2' B @2F ' B44KNG' @2' F2C ' EA2F' B ' @2' FBBC' () 'EA' GB#' I 2F2' B' BBO' E' ' ' 'LBK ' 2 1@ ' B(\4 B4O' BE' '' I E 2F\3' 2H2E E1 ' GBK' I BK A' EA' @2C ' 2E 'E 2A' LG' '' CK KA2' B 'GBKE1' 'F 3 3 ' CB3 G' E' @2 F 3@ F "3 22H23 ' I @' N2F@ 'N3' @F22' BF' BKF' 'A 23 ' ' ' A 3NB32A' 'FBKEA' @2' CBA2 ' I @B' 3 'EA3' KNBE' @2' N ' BFC' E' BE2' B ' @2' N 4 KF23SK2' 4B3 KC23' B ' BK @2FE' ' G ' I @' '' 4 K3 2F' B ' 2 1@ ' 'CN3 ' E 2E3 2A' LG' '' NB I 2F K ' F2 24 BF ' CC 2A ' 2 G' 'LBH2' @ 3' BF' @2F' KE K4OG'' @2 ' A "

@2' 4B3 KC23' 'F2' F21K ' 2A' LG' @KF4@' C23' 'EA' 32 ' 3BE3!') KF E1' 2E ' @2' CBA2 3' I 2 ' FC 2A 2H ' ' AF23323() AKF E1' @2' I E 2F' 'EA' 4 'FE H ' ' ' 'E' 4B3 KC23' B ' @2' NF232E ' A ' G' () 'EA' I @' ' 3 2F' L21 E' C2F2' AF' N2T F 23 ' ' !&%!.' BF' B A3 ' '3' @2G' 'F2' 24@E 4 ' G' 4 ' 2A!

H2FG' 2H2E E1 ' @2' 3KL 24 ' BF' @2' E2M ' E 1@ ' 3' 4@ ' O2A' KN' BE' '' L ' 4O' LB 'FA' L23 A2' @2' N ' BFC ' BF' @2' E2M ' #+ ' E 1@ 3' F ' @2F() BF' 2 '4@' CBA2 ' NB323' BF' I B' 2H2E E13() @2' NB3 BE' B ' @ 3' 22 ' L2 E1' 4@ ' O2A' KNBE' @2' N ' BFC ' 3B' '3' G' 324KF2' @2' 3 ' C2' ' KA2' BE' @2' 324BEA' 2H2E E1!' BE32SK2E G ' BKF' @BKF3' F ' B I 2A' BF' 2 '4@' AF ' I E1!

! ! ! ! @2' ' !&%!' 'F2 BE G' BF' '3 E1 2' C2' '3 ' I BK A' L2' CNB3T 3 L 2' B' 324KF2' @2' 3' C2' B A3' I 42' BH2F!' ! ! ! ! ' @2' 2MN2E32' B' ' 2EA E1' @2' 4' A2 CG' E4 KA E1' ' 2EA' E42' 2' 4@' N2F3BE\3' 3@' F2' E' @2' CBA2 ' 'EA' @ 3' B I E' 23N24 ' ' ' CN' ' CBKE 3' B' 2F5' 'E' 2H2E E1' BF' '' 34KAB' 'EA' '' @' ' 'LBK' ;M! ;_W! ' '' C BE @\' C 'FH2 BK3 G' 4@2' N' ' CK3' L2' 4BE 2332A!J% .' ' ! E' $-!' ' !!

@2' 'LK EB' 2EA3' E' @2' K1 G' LK ' 42E F' ' 3SK' F2' B ' @2' 0! 7447' $ ' 97% 7' I @2F2' C 'EG' B ' @2' L23 ' @B 2 3' 'EA' 3@BN3' 'F2' 3 K' 2A!' 2E42' @2' F E @' 3' F2' 4@2A' LG' '' C '1E 42E ' 1@ ' B ' 3 2N3' A 31F' 42 K G' ' 02N ' I @ 4@' I '3' LK 'LG' 233 'EAFB' N224@X' ' ' @2' 2MN2E32' B ' '' NF H' 2' EA H AK' ' ! *K2 2F' 324F2 'FG' B' @2' F2E4@' 2CL' 33G' ' ' BC2 ' KEA2F' EEB42E ' 5 !

?' B' 'F " BH E1' H 3 BF' B' BC2' 4' '2H2F' @ 'H2' N' 332A' @2' EBL 2' 1@ ' B ' 3 2N3' I @ 4@' 2' A3' FBC' @2' ('PP'' A ' N' 1E'' B' @2' 4@KF4@' B ' @2' F E @' A2\' BE ' I @BK ' BE1 E1' B' F' E3 2F' B' @ 3' 3O2 4@"LBBO' @2' N 4 KF23SK2' 1FBKN3' B ' CBA2 3' I @B' @2F2' 3N2EA' @2 F A' G ' L ' 3O E1' E' @2' L2' C3' B ' @2' I E FG' 3KE' 'EA' 2' E1' @B32' 2' LB 2A' L2' E3' I @B32' G2 B I ' @K3O3' L23 F2 I ' 2H2FG' N ' 42' I @2F2' @2' B I 2F' 4 '33' BC ' E3' 4BE1F2T 1 ' 2% NF ' 4 3 E1 ' E' 3@BF ' @2' / AB 42 'F' E 2E 2!\' 2NNB ' @2' 42 2LF ' 2A' ' C 2' L211 ' F ' 3' EB' BE12F' B' L2' 322E' @2F2 ' @ ' H E1' L22E' L ' E 3@2A' B' @2' 3 2N3' B ' @2' 4@KF4@' B ' ! 1B3 EB\' LK ' @2F2' 3' B ' 2 42 ' I @' 4BE 4 ' ' @' ' LFB I E' 4 B ' O ' 'EA' L ' 1N N23 ' ' @2F' B ' @ ' ' @2' CBA2 3' BE' @2' 3 2N3!' 2' @ ' 3' L22E' 322E' E' 'E' 'F 3 \3' 3 KA B' E' ('F 3 ' 'EA' 3' F2NBF 2A' B' @ ' H2' N2F BFC2A' BE' BB ' @2' ABKL 2' BKFE2G' L2 I 22E' BC2' 'EA' @ ' ' 4 ' N ' ! @2F2 ' F2' I B' BF' @F22' GBKE12F' C2E' E' L K2' 4O2 3' 'EA' 1B' T 30 E' LF224@23\' '3' C ' EG' I BC2E' E' B A2A' E2E' @2 ' A" AF23323 ' 'EA' F2A' BF' L K2' 3O F 3\' 'EA' '' 3NF EO E1' B ' 4@ AF2E' B ' LB @' 32M23 ' E' 4B3 KC23' @2' C E ' KF2' '4" 3 C 23' B ' @2 F 2 A2F3!' ' @232' 3N22A G' 2 ' FE' B' F24B1E 32' '' H 3 BF I @B' 3' E 2F23 2A' E' @ ' ' 23N24 ' ' LF ' E4@' B ' 'F ' I @ 4@' 3' 2CLBA 2A' E' CBA2 3 ' 'EA' ' 2H2FG' KFE' E' @2' 3 F22 ' 3K4@' '' BE2' 3' C2 ' LG' @2' '3@ B ' I @ 2' 22 @ ' 'EA' @2' 1F ' 4 BK3' 3 I 22 E233' B ' ' 'E' ' 'E' 3C 2!J% \' '

?' CBE1' I @ ' ' C ' G' L2' 4 ' 2A' @2' 4K N3' BF' C EBF' BE3' B ' BC2 ' @2F2' I '3' BE2' @ ' ' ' CK32A' C2' C 1@ G!' ' 3' ' I ' G3' B' L2' BKEA' @2F2' ' 'EA' 3' A2E' 3' BE' @2' 1F2 ' ' 1@ ' B ' 3 2N3+ @ ' ' 2 ' A' FBC' @2' ('PP'' A ' N ' 1E'' B' @2' @KF4@' B ' @2' F E ' 2\' BE !' E' N ' E2F' I BFA3 ' @232' 3 2N3

' ' /

'F2' @2' 1F2' 'N '42' B 'F23BF' BF' @2' 'F 3 3(' / BA2 3 (' 'EA' @2F2' @2G' 'F2' 4BE3 'E G' I ' E1' B' L2' @ F2A!' @2' F3' C2' ' I 2E 'KN' @2F2' ' 4BK A' EB ' 4BE42 H2' I @G' @2' '423 322C2A' 3B' 'C 'F' B' C 2(' I @G' @2G' 'NN2 'F2A' B' @'H2' L232 'C2' BF' G2 'F3' E' 2H2FG' NB33 L 2' H 'F 2 G' B ' '4 BE' 'EA' 4B3T KC2' ' 'EA' @B I' '4 'C2' B' N '33' @' ' @2G' 3 'F 2A' KN' L2 BF2' C2' E' BC2' E' @2' LFB 'A' A 'G' O2' 3B' C 'EG' 3 'AA 2A' 'EA' LF A 2A' E 1@ C 'F23!' '3BBE' BKEA' @' ' I 2' @ 'A' C 'A2' '4SK' E 'E42' 'EA' CNFBH2A' ' BF' 32H2F' 'G2 'F3' BE!' @2' I ' 3' B 'H 'F BK3' M@ L BE' * ' 2F 23!' @2F2' 3' BE2' B A' 12E 2T C 'E' I @' BE1' I @ 2' @' F' 'EA' 'E' CC2E32' L2 'FA' I @B' B' CG' 0EB I" ' 2A12' @'3' 1BE2' @' " @FBK1@' @2' 4' ' B1K23' B ' @2' BG' ' 4 'A2CG!' @ 3' 3' @2' H2E2F 'L 2' BF' N' F 'F4@' ' CBA2 !' 2' 4 'FF 23' '' BE1' 3 ' (' 'EA' 2H2FG' 0EBL' 'EA' I 3 ' E' @' '3 ' ' '@ 'H2' 322E ' ' @ K G' A2 E2' 2A' EEKC2F 'L 2' C23!' @2F2' 3' 'EB @2F' C 'E' E' '' L K2' 4 B '0' I @B' ' I 'G3' NF2 2EA3' B' L2' '3 22N' E' @2' 3KE' I @2E' @2F2' 3' 'EG ' 'EA' I @B' ' E22A' EB ' 3 'G' 3' ' I 'G3' H2FG' I A2' ' I 'O2' 'EA' H2FG' ' 2E H2' B' @2' A 3NB3 T BE' B ' @ 3' 213!' @ 3' 3' @2' " !', '$! #!' CBA2 !' @2F2' 3' 'EB @2F' C 'E' E' '' LFB I E' 4 B '0' I @B' 2 'E3' '1' E3' '' I ' ' I @' @ 3' 'FC3' B A2A' E' @ 3' C 'E 2' 'EA' BBO3' BK ' B ' [@2' 4BC2F3' B ' @ 3' 2G23' I @ 4@' 'FZ' K3' H 3 L 2' L2E2' @' @ 3' LFB 'A' 3 BK4@2A' @' !' @ 3' 3' @2' '33 '33 E' CBA2 !' @2F2' 3' 'EB @2F' C 'E' I @B' 4BE3 'E G' BBO3' BH2F' @ 3' B I E' 3@BK A2F' 'EA' 3' I 'G3' 1B E1' ' I 'G' LK ' E2H2F' 1B23!' @ 3' 3' @2' @'K1@ G' BF' 34BFE K' CBA2 !' 3' B') BC 23 4' 'NN E233' 'EA' B G' 'C 23' @2G' 3@BK A' 4BC2' H2FG' 4@2 'N' BF' @2F2' 'F2' @2 'N3' B ' @2C' ' 'KN' @2' 3 2N3(' 'EA' @2' 4F2' C' B ' @2' @ E1' 3' @' ' @2G' 'F2' ' ' @2' ' 323 ' H '1 'LBEA3' E' @2' I BF A ' 23N24 ' G' C 'A2' KN' BF' @2' NKFNB32' 'EA' @'H E1' EB' 4BKE 2FN 'F 3' E' BC2' BF' 'E ' B @2F' N 'F ' B ' @2' @'L 'L 2' 1 BL2!J% - !$

@ ' : 7 7 7 ' @2' BKE ' E' ' ' @2' BB ' B ' @2' 3 2N3 '2M2T 4K 2A' LG' : ' 3' '' 3 BE2' LB' ' 4BCC2CBF' E1' @2' E 'KC '4@ '' B ') BC 'E % E 'H' ' L' 23' I @ 4@' BBO' N '42' E' 'E' 'F 4 ' ' 'O2' 3KFFBKEA2A' LG' '' O EA' B ' @2' F2 ' I @ 4@' BE42' B44KN 2A' @2' 3 2' B ' @ 3' N 'PP' !' E' FBE ' B ' @2' ! 7P #744 '$ ' 7% 7' @2' F23 A2E42' B ' @2' N 'E 3@' 'CL '33 'ABF ' I @ 4@' 1 H23' 3' E' C2' B' @2' 3SK 'F2 ' 3 'EA3' '' #8 0 ' B ' 4 '" NB EB ' 3KNNBF E1' '' 3 ' K2' B ' @2' F1 E ' 2F24 2A' LG' (K3' 5 ' E' , \ : ' E' @BE4 F' B ' @ 3' E2 I ' AB1C '' B ' @2' C'" N '4K ' 2' BE42N BE!' ! ' 2' L '32' 'F2' 1KF23' B ' B323 ') 'H A ' 3' '@' 'EA' P2O 2

@2 ('PP' 3 4 B32A LG @2 ## % 7 $ ' ! 97%7 $7 E $ BKEA2A E ;99 LG * F21BFG 5 ! LK 2E 'F12A LG $FL 'E I@B LK @2 NF232E 2A 42 FBC N 'E3 B 2FE E ! O2 ' @2 LK A E13 2F24 2A LG @ 3 NBN2 3 4@ 2 A24BT F' BE3 'F2 @2 L223 B @2 'FL2F E ! @2 BL 24 B @2 4B 212 3 @2 2AK4' BE B GBK @3 B ' ' E' BE3 '3 C 3" = BE 'F 23!

? @2 BF 1 E B @2 (FBN'1'EA'' 3 NFBN2F G B L2 3BK1@ E 'E 2A 4 'B * F21BFG 5 ! LG I @ 4@ @2 A F24 BE B '2'3 2FE C 33 BE3 I '3 4BE A2A B '' 42F ' E EKCL2F B ' 'FA E' 3 ' I @B I 2F2 4BCC 'EA2A B NFBCB 2 @2 NF E E1 B '4' 24@ 3C3 E @2 233 OEB I E' BE1K23! K ' @2 E3 K BE I '3 EB FC G 23 'L 3@2A I ' I '3 KENFBH A2A I @ @2 F2SK 3 2 C2 'E3 'EA I '3 LG EB C2 'E3 4BCNF2@2E3 H2 E 3 H 2 I 3! I '3 ' @2 3K1T 123 BE B @2 1F2 ' NF2'4@2F * FB 'CB D # ' C ' @ ' @2 A2 '' I '3 F3 4BE42 H2A B '2M 2EA E1 @2 'LBH2"E 'C 2A E3 K BE! '@ 3 3K1123 BE '' 4BE1F21' BE I '3 23 'L 3@2A E ' AK2 BFC ' 'EA LG @ 3 LBAG F21K 'F C22 E13 I 2F2 B L2 @2 A BF @2 1K A 'E42 'EA 4BEAK4 'B ' C 33 BE3 E 2H2FG N 'F 'B ' @2 I BF A! @2 F3 ' KEA3 I 2F2 'AH 'E42A LG * F21BFG @ 3 E2N@2 I '4BE F LK 2A FBC @ 3 NF H ' 2 NFBN2F G 'EA 3 E42 @ 3 E3 T K BE I '3 E '4 ' A 'N 2A B '' I 'E ' @2 NF233KF2 B ' I @ 4@ I '3 @2E 2 ' E4F2 '32A E NFB3N2F G 'EA 3N 2EABKF! @B AB23 EB ' OEB I ' @2 32FH 423 N2F BFC2A LG @2 (FBN'1'EA'' BF @2 A K3 BE B '+N@ B3BN@ 4 ' 3 KA 23 R 'EA EB ' @ 3 BE G 0% @2 E3 K BE @ '3 12E2F ' G 'LBKF2A E 3 2 'F 23 ' G2 'F3 ' CB3 ' 3K44233 K G ' N2F@ 'N3 ' B K ' 3 HB4 ' BE E '' L2F ' ' 'EA EBL 2 3N F !J% $!. #. ,%%! , ! .

? EG F2GB ' A23 2KE23 12E3 E23 A 'E3 23 N 'G3 K F 'CBE ' E3 2 BF 2E" 'KM ' B ' 3BE ' 23 E A2 23 2 ' 23 @2F2 SK23 3 G BE ' 2KF 2AK4 ' BE F2 1 2K32 2 ' 4 H 2 ' 2 ' F2 BKFE2E ' A 'E3 2KF N 'G3 4BCC2 C 33 BEE ' F23 NBKF NFBN '12F 2 B !J% ' 1

? 2 4B 212 AK (FBN'1'EA'' 2A2 ' BK BE 2E1F ' 332 A23 C 33 BEE ' F23 NBKF ABEE2F '' C 'E12F 'KM 4 'EE L ' 23! 23 ' C '' B ' KE 2M42 2E ' F '1BK ' NBKF 2KM ' SK2 A2KM N2F23 F 'E4 34 ' E3 '' '' 3 'K42 FBK332! 2 4 'NK4 E 2E A 'KL2 ' 32 C 'E12 'K33 '4BCC 2 2 F2E 'FA ' SK 'EA '' ' 2 2 12 2! 'G '' '' '' (FBN'1'EA2 KE2 L L B @2SK2 'S 2 CNF C2F 2 BKC 2 A2 BK 23 3BF 23 A2 4 'F '4 2F23 A23 'E1K23 BF 2E ' 23 ' 2 ' A2 N2 3 @ EB 3 SK BE G ! 2 2H2 ' E3 ' SK2 A23 ' BK2 23 4@ 'E 2F2 23 ' NBKF 2E ' F 'N2F A 'K F23!J (! ! . ! !)

' ' $ /

E' U'EK'FG' '' 23 H' ' 3' @2 A' @2F2 ' I@2E' 3N224@23' 'F2' F24 2A' LG' @2' NKN 3' E' ' ' @2 F' A 2F2E ' 'E1K'123!' ! @2' NKL 4' 3' 'AC 2A' LG' 402 3!

@2') 7' 9$07' 2'H23' @2' ('PP''' A2 ' (BNB B' BE' @2' F 1@ ' ('33 E1 ' BE' @2' F 1@ ' '' 'F12' LK A E1' L2 BE1 E1' B' @2' 4'A2CG' B ' ' KO2 ' I 2' F2'4@ ' BE' @2' F 1@ ' @2' >K'G' B ' @2' N2 ' ' '' NF2 G' 'F4@ 24 KF' ' 4BE3 FK4 BE' B ' 2C2E ' 5 ' E' -<-!

2E42 ' '' 4 KC3G' 2FFG"LB' ' 1 H23' '44233' B' '' I ' O' I @ 4@' 2'A3' B' ' (2 2F03' LG' (BF '' E12 4' ' @FBK1@' @2' 2 A3' ' ' @2' L'40' B ' f E12 B!' @232' 2 A3' 'F2' B ' @ 3 BF 4' ET 2F23 ' L2 E1' @2' ! 7 7' Q8 0 7' B ' E4 EE' K3!

? !' > ' E4 K3' E4 EE' K3 ' @2'BE G' @BN2'B ' @2' BC 'E' N2BN 2 ' H2A' L2GBEA' @2' L2F ' BNNB3 2' @2' N '42' I @2F2' @2' 'H' '' 'F2 ' I @2F2' @2' 4K H' 2A' @2' BKF' '4F23' B '1FBKEA' I @ 4@' 'F2' EB I ' 4' 2A' @2' >K E4 'E' C2'AB I 3!' @2F2' @2' C2332E12F3' B ' @2' 32E' 2' BKEA' @ C' 2 'E E1' BE' @ 3' 3N'A2 ' 2 @2F' A 11 E1' '' F2E4@' BF' N BK1@ E1 ' LK ' 42F ' E G' B44KN 2A' E' 3BC2' 2 A' 'LBKF!' @2' 3' K ' BE ' / 'G' ' L2' I 2 ' I @' GBK' 'EA' @2' F2NKL 4 ! I '3' 1 H2E' 'EA' F2 KFE2A' E' @2' K3K' ' BFC ' 'EA' @2' I '3' F2T SK23 2A' B' NK ' BE' @ 3' B1 '' B' F242 H2' '' C233'12' FBC' @2' 32E' 2! C'P2A ' 'EA' '3O E1' ' 'EG @ E1' I '3' I FBE1 ' @2' A23 F2A' @ 3' I 2' '4 '' B' 2 4@' @ 3' B1 '' FBC' @2' 4B '12 ' 'EA' @ 'H E1' I AN2A' B ' @2' 3 I 2 ' ' 'EA' AK3 ' I @' I @ 4@' @2' I '3' 4BH2F2A ' @2' 4 'C2' BF I 'FA' AF2332A' E' @ 3' B1 '' B' @2' C2332E12F3 ' I @B' 3 ' K 2A' @ C' '3' A 4 ' BF ' 'EA' 4BE1F' K ' 2A' @ C!J%' % .' ' 9;!

@2' 4@KF4@23' BE' @2' 2 ' B ' @2' N2 '' 'F2 ' F3 ' ! ' ! ' ' 7 0 ' LK ' ;\- ' LG' E BE B' A2' B33 ' I @' '' @B3N ' ' 'A B E E1'

?' @2' G E1" E' @B3N ' ' 'A B ' @2' 4@KF4@' B ' 'E' B44B!' '4BE ' E3' 32H2E G' L2A3 ' KFE 3@2A' I @' 4KF ' E3' 'EA' 34F22E3 ' 3B' '3' B' 32N'F' 2' @2C' 2 24 K' G!' 2C ' 23' 'F2' 'AC 2A' I @BK ' 1 H E1' @2 F' E'C2' @2 F' 4BKE FG ' BF' @2 F' 4BEA BE' E' 'D=' 'EA' 3K4@' 3' @2' A2 4'4G

"BL32FH2A' E' @2 F'F21'FA ' @' ' @2G' 'F2' ' ' L2F G' B' I 2'F' ''H2 ' 3B' '3' B' F2C ' E' KEOEB I E' 2H2E' B' @2 F' ' 2EA 'E 3 ' E' BFA2F' B' 3 'H2' @2'@BEBKF' B ' @2 F6' 'C 23 ' 'EA' NF2H2E ' 'LBF BE ' 3K 4 A2 ' BF' E 'E 4 A2!' H2E' 3@BK A' A2 ' @' 2E3K2 ' @2' A242 '32A' F2C ' E3' KEOEB I E!' @2' 4@ AF2E' 'F2' 4BEH2G2A'+ B' 'E B' N F B'!' 'EA' @2' C B @2F' I @B' I 3@23' B' F2 ' E' @2F' ! B 3NF E1' ' M23' ''A 3 E4 I ' C 'FO ' L G ' "I @ 4@' ' C 'G' L2' F24B1E 32A' 'EA' F24BH2F2A!' B' F2C BH2' ' ' A 3SK 2 KA2' FBC' @2' C EA3' B ' @B32' I @B' C 'G' 2E 2F ' @2' 23 'L 3@C 2E ' 3' 2M2C N ' FBC' ' ' 4 H ' 4F C E ' ' 'EA' 244 23 '3 4' ' KF 3A 4 BE ' 'EA' 3' @F23@B A' 3' E2H2F' 4FB332A' 2M42N ' LG' N2F3BE3' 4BEE24 2A' I @' @2' 23 'L 3@C 2E !J% ' $ * $

@2E!' BNNB3 2' @2' SK 'G' G #7 ' $ %#' @ 75 ' LK ' BF' M K3' !' LG' BE 'E'!' ' 4BE ' E3 ' E2 'F' @2' ' 'F' '' 3 F 0 E1' 1KF2' B ' !' U2FBC 2 ' 32 ' 2A ' I @' '' LBBO' KNBE' @ 3' 0E223!

2' I ' EB I ' B B I ' @2' * ' I @ 4@' E' 3N 2' B ' 3' E 'FFBFC233' 'EA' L 'A' 3 A2"N 'H2C 2E 3 ' 3' @2' E23 ' 3 F22 ' E' BC 2!' ' 3' 1F2 ' G' B' L2' F21F2 2A' @' ' @ 3' 3 F22 ' I @ 4@' 3' E2 'F G' '' C 2' BE1 ' 3@BK A' 2 'A' B' EB @ E1 ' E3 2 'A' B ' "2EA E1' ' ' @2' 3 2N3' B ' @2' 'N B ' I @ 4@' I BK A' @ 'H2' NFBT AK42A' '' 3 F 0 E1' 2 24 !' ' B B I 3' @2' E2' B ' @2' 'E4 2E ' '' 'C E ' ' 'EA' E' 4BE32SK2E42' I '3' BE42' N 'EE2A' LG' BKF' F KCN@' ' 'F4@23% B ' 'F4K3' KF2 K3 ') BC 'E ' 'KT A K3 ' 'EA' * BFA 'E% LK ' ' ' @232' @ 'H2' A 3 'NN2 'F2A!' @2' BF3B' 3' N2F 24 G' E2A' I @' L ' 4BE 23 ' I @ 4@' AKF E1' @2' 4 'FE H ' ' 'F2' 2A' I @' 1 'G' 1FBKN3' B ' C '3O2F3' E1 E1' 4BE 2 !' @232' L ' 4BE 23' 'F2' '' F2 4' B ' CN2F ' ' E 23 ' @ 'H E1' L22E' EH2E 2A' ' ' BC 2 ' I @2F2' @2G' I 2F2' BF 1 E ' G' 4 ' 2A' ? B2E 'E' J' FBC' @2' F LKE2' 42E K3 ' I @B' A2T 3 1E2A' @2C' B' '44BCCBA' 2' 3N24 ' BF3' B ' NFB4233 BE3' E!' @2' 3 F22 3' L2 B I !'

? @2' BF3B' 3' ''3 F22 ' '' C 2' BE1!' '' 3 F22 'B ' 3@BN3 ' 'EA' N ' '423 ' 'EA' NF H ' 2' @BK323 ' 3BC 2 F 23 BN2E E1' E B' '' LFB 'A' N 'PP'!' ! @2F2' 'F2

H2F'EA'@3''EA'L'4BE 23'B'' '3@'N23''EA'3 P23' B'' CB3'2H2FG'@BK32' "%EB'BE'BE2'3 BFG'' BE2'LK'B 2E' B'BE2'FBBC'BF''EB @2F'BE'2H2FG'3 BFG' % NE' @2F2' E'12E2F'' I @'3B' 2' BFA2F'BF'F21K 'F G' @'' ŧG2'F' ' 2F'G2'F''EA'32'3BE'' 2F'32'3BE' '@'A'F'E2A'L'4BE 23'@' 2A'L'T 4BE 23' 3EBI2A'L'4BE 23'L B I E'L'4BE 23' @2G'4BK A' 34'F42 G'@'H2' 4BC 2'E B' 2M 3 2E42' E''C BF2'A 3BFA2F G'C 'EE2F!J% - !$.

E' @2' 2 'B ' @2' BF3B' 3' @2' K1K3 E2' 4@KF4@' B 'G 6ŧ ' 7 7 'I @' '' '4'A2'LG' 7#$ ' CB3 'BNNB3 2' 3' @2 ' 4@KF4@' B ' ' G 7 ' $ %#' 8 7I # ' LG' 7 # ' 7$ ' ' 3' ' '4@2A' B' '' 3KF1 4' ' @B3N '' BF' 7\<' N' 2E 3!' E! @2' 'A B E E1' F'A'' ! * '4BCB' I '3' @2' 3 KA B' B ' 'EBH' ' F24B1E P'L 2' LG' F'1C2E 3' B ' L'3"F2 2 3' 2E1F' 2A' E' 3' I ' 3!

@F22' 3 F22 3' L2GBEA' @ 3' BE' F 1@ ' 3' @2') 7' $ ' ! 0 (' ' 3B' 4' 2A' FBC' '' 32F 23' A 'N'N' 'NBF F' 3' EB I ' A23 FBG2A ' I @ 4@' BFC2F G' 2M 3 2A' BE' @2' I ' 3' B ' BE2' B ' 3' @BK323 ' I @2F2' B!' \- ' 3' @2' 2E F'E42' B' @2' F2C ' E3' B ' @2' 786 # 8 ' ' 8%86086

H' 'FA'LG' @2'L'EO3'B ' @2' L2F ' E' @2'1F'33G' C 2'AB I 3' I @2F2' @2' BC 'E'GBK @3'C 2 ' E' ' @ 2 4' 'EA' C 'F ' '2M2F4 323 ' @2F2'FB32' '' B G' C 'FL 2' B I 2F'=I @' @F22' F2 F E1' 3 '123' 2 '4@' B ' I @ 4@' @ 'A' 3' 2FF'42' 4BH2F2A' I @' 2 'F @' 'EA' N 'E 2A' I @' 4GNF23323!' @232' 3 '123' I 2F2' N 2F42A' I @' EKC 2FBK3' 4@' C L2F3 ' A23 E2A' B' F242 H2 ' FB I ' I @ E' FB I ' 'EA' 3 BFG' KNBE' 3 BFG ' @2' F2C ' E3' B ' 2H2FG' C 2C L2F' B ' @2' CN2F ' ' 'C G ' I @' C 'EG' @BK3 'EA3'B ' @2 F' 3 'H23' 'EA' F22AC 2E!' E' @2'42E F2' B ' @' ' C '33 H2' C BKEA' @2'1F2 ' ' BKEA2F' B ' @2' 2C N F2' I '3' B' 3 22N' @ 3' '3 ' 3 22N ' I @ 2' @ 3' 3 ' K2' I '3' BFA ' E2A' B' F 32' 4BE3N 4KBK3' B@' 3' 3KC C ' 'EA' 3 ' ' 2' 3' 2H2F '3 E1' 1 'P2' I @' @2' H 2 I ' B ' @ 3' L2 BH2A' 4 G!'J% ! * "!

@2' F3 ' KE2F' '@2F2' I '3' @' ' B ' 'F42 K3 ' 3BE' B ' 4 '" H ' ' @2' 3 3 2F' B ' K1K3 K3 ' 'EA' F3 '@K3L 'EA' B '@ 3' A 'K1@ 2F' UK ' ' I @B' A 2A' B 'C ' 'F '' 9 0 ' 32' ' 97!

?' >K'E B3' 2'H FKC'C '1 'C' 'HBF 3' 'A'KFL2C' 'C NK3' '12 '12C K3X H2 'SK0 ' 'L2F E2 'H A2L 3

KE2F' '4KC' KCK KC'NFC 2F 'L2F2'F242E 2C'X
24'NK2F' '4'' SK 3SK'C'A2'12E 2' ' EB3'
E' 'E KC'3N2' B 2' 'HB30' E24' BCK ''SKBEA'C'
$ B'32' 'E KC' 2 K3' '4 'L '' KCEB!'
2K'N 2 '3' @2K'NF 34'' A23' EH 4 'SK2'@2 B'
) 2M 2F''X EBE' '32'SK 3SK'C' CNKE2' K 332'
LH K3' 'FC' B' 32E'SKKC'N2A23' F2' E'@B3 2C
2K'3NKC 'E 3'2SK' BA2F2 '4' 4'F LK3' 'FF'B3!
2K' C 32F'EA2'NK2F'X 3'SK'' ' '' '3N2F''FKCN'3
K' 'F42 K3'2F 3!J'

$' H!' ,-7!

@2' E2M ' C2CL2F' B ' @2' 'C G' LKF 2A' @2F2' I '3' 1F NN' '
@2' 324BEA' @K3L'EA' B 'UK ' ' BL!' +,' ' @2E' 4'C2' 4 'H ' '
3 3 2F' B ' @2' 2CN2FBF' 'EA' I AB I ' B ' E BEG ' @BEBKF2A' LG' ''
NKL 4' KE2F' ' ' ' I @ 4@' BF' BE3' I 2F2' A2 H2F2A' LG' K1K3 K3'
@ C32 ' 'EA') FK3K3 ' 3BE' B ' @2 '2CNF233' H '!' 2F' LBAG'
'3' 4'FF 2A' B' @2' BCL' LG' L2F K3' ' 2F I 'FA3' 2CN2FBF '
'EA') FK3K3 ' @2' I B' 3BE3' B ' @2' 2CNF233!') FK3K3' % ' 8 '
A 2A' E' '' *2FC'E' 4'CN' 1E' LG' '' ' ' FBC' @ 3' @BF32 ' 'EA'
I '3' LFBK1@ ' L'40' @ @2F' BF' E 2FC2E !' E' & ' :' @2' 1F2' '
K1K3 K3' A 2A' ' ' B ' ' 'EA' @ 3' LBAG' I '3' LKFE ' @2F2' BE' ''
KE2F' ' N 2' 3B' 1 1'E 4' @' ' @2' I AB I 2A' H3U ' A 3@2H2 2A'
'EA' KE1 F ' I @' L'F2' 22 ' ' 2EA2A' LG' @2' NF E4 N' ' BC 'E'
32E' BF3 ' @' A' B' I ' 4@' ' BF' H2' A'G3' 'EA' E 1@ 3 ' L2 BF2' '
4BB 2A' 3K 4 2E G' BF' @2C' B' 4B 24 ' @2' '3@23' B ' @2' 2CT
N2FBF!' ' @2' CBC2E ' B ' 3' L2 E1' 1@ 2A' 'E' 2'1 2' I '3' 2 '
BB32' FBC' @2' 3KCC ' B ' @2' NGF2 ' KEA2F' I @ 4@' BFC' ''
32E' BF' E' C2A' KC2F K3' 4K3 ' I '3' EAK42A' LG' '' 1 '
FBC' H '' 2SK H' 2E ' B' 9\< <<<' F'E43 ' B' 3I2'F' @' ' @2'
3' I ' @2' 3N F ' B ' K1K3 K3' G' ' I 'G' B' @2'H2E!' @2E' 4'C2'
*2FC'E 4K3 ' 3BE' B ' @2' F3 ') I 3K3 ' 'EA' E2N@2 I ' B ' L2T
F K3' BL!' !)!' 8 ' ' ' E B4@' I @2F2' @2' I '3' L2 2H2A' B' @'H2'
L22E' NB 3BE2A' LG' (34 'EA' @ 3' I 2' ('E4 E'!' @2E ' E' &

97')FK3K3' 3BE' B ' L2F K3' NB 3BE2A' LG'@ 3' I 2' H ' ' 'EA' @2F' BH2F' 2 'EK3'0 @2E' @2' 2CNF233' H ' ' I@B' A 2A' !)!' 98' ' ' @2' '12' B ', ;!' 1F NN E' ' I AB I' B ' *2FC 'E 4K3' BL!' !)!' 77 ' 3 'FH2A' B' A2' @' 'EA' @2F' I B' 3BE3' 2FB' 'EA' FK3K3' ' 3B' CKFA2F2A' LG' L2F K3 'Z 2F2' BE1' 2M4 KA2A' FBC' @2' 'C G' 32NK 4@F2 ' LK ' I 2F2' 2H2E K' G' LFBK1@' @ @2F' LG' @2' GBKE123 'LFB @2F' ' K3 ' ' 2F I 'FA3' @2' 2CN2FBF' ' 1K ' ' L2F K3 ' I@B' A 2A' &' 7-' ' ' @2' H '' B ' K4K K3' ' ' 32EKC ' I '3' LFBK1@' @2F2' BF' LKF ' !' @2' '3@23' B ' ' 1K ' ' CKFA2F2A' &' : ' 'EA' F3 ' LKF 2A' E' @2' BF ' 'C 'E ' BE' @2' 3SK E2 ' I 2F2' F'E3 2FF2A' @2F2' LG' @3!' 3 3 2F3!' E' @ 3' F2 1E ' E BE ' ' @2' I AB I' B ')FK3K3' 'EA' CB @2F' B ' *2FC 'E 4K3' @ 'A' A 2A' 'EA' @2F' '3@23' I 2F2' ' A' KN' @2F2!' @2' CN2FBF' 'KA K3' &' \: ' CKFA2F2A' LG' 1F NN E 'D' @ 3' 3BE' F 'EE 4K3' &' \\' CKFA2F2A' LG' 2FBD' 'EA' @2' CN2FBF' 2FH' ' &' 8, ' I 2F2' @2' ' 23 "' EC ' 23' B ' @2' C 'K3B 2KC!

@2' '3 ' 4F2C ' BE' I @ 4@' B44KFF2A' @2F2' I '3' BE1' ' 2F' @2' C 'K3B 2KC' @ 'A' ' 2E' E B' FK E ' I@2E' @2' LBAG' B ' @2' F LKE2' 2 P ' ' 2F' @ 'H E1' @KE1' BF' IB' A 'G3' ' ' !' 'F42 B ' I '3' BFA2F2A' B' L2' LKFE ' @2F2' LG' UK1KF '' 'EA' 4 'F2 ' ' 'EA' I '3' 4BE3KC2A' LG' '' H '3 ' CK KA2' B ' U2 I 3' BK ' B ' ' 2FG' B' @2' B BEE' ' @2 F' E2 1@LBKF3' ' ' @2' *@2 B ' ?' E' '' F2' B ' AFG' @ 3 23 ' ' I '3' F2AK42A' B" '3@23 ' 'EA' EB' LF2' B ' ' F2C ' E2A!J

@2F2' 3' EB @ E1' EB I' F2C ' E E1' B' 23 G' B' @2' BFC2F' C '1E 42E42' B ' @ 3' LK A E1!' @2' 'F2 '' 3' K32A' E' /3KC C2F' '3' 'E" BN2E"' ' F' @2' F2 ' I@2F2' H2FG' 'CK3 E1' 2' N 'G3' 'F2' H2FG' I 2 ' '4 2A!' CBE1' d' C '33 H2' 42 3' '' NBBF' I '3@2FT IBC 'E ' OEB I E' '3' ?' 3 2F' B32 J' 23 'L 3@2A ' 3BC 2' 2E' G2 'F3" '1B ' '' 0 EA' B ' @B3N ' ' BF' '12A' I BC2E' 32H2F' ' B ' @2EF

42E '12E'F 'E3 ' I@BC' 3@2' 3KNNBF 2A' 2E F2 G' LG' @2F' B I E'
2M2F BE3 ' @'H E1' BF 1 E' G' L21KE' LG' 'O E1' 4'F2' B ' BE2' B A'
I BC 'E ' 'EA' 1F'AK' G' 'AA E1' 'EB @2F' 'EA' 'EB @2F!' @2'
E1 3@' 4@KF4@' 32FH 42' I '3' F3 ' N2F BFC2A' E' BC2' E' @2'
(' 'PPB' BFF2' ' 'A B E E1' @ 3' LK A E1!

NNB3 2' @2' ' ' A2{ (BE 2 4 ' @2') 7') 00 7' 2'H23'
@2' BF3B!' B' @2' $F3K E2' 4BEH2E ' E' @ 3' 3 F22 ' BKEA2A'
LG' 'C '' BF1@234' E' @2' 32H2E 22E ' 42E KFG ' 'A'C2{'
4 B F2' 'EA' 'A'C2' A2 ' A2' ?' 'E 23' AK' B J ' 2A' E'
@2' L21 EE E1' B ' @2' 1F2' ' F2E4@' F2HB K BE ' 'EA' @2F2' @2G'
A 2A!

@ ' @8 @' ' ' 7 # ' ' 6 ' BE' F 1@ ' 3' @2'
E' BE' ' 4@KF4@' B ' @2' BCL'FA3!' ' 3' '' @'EA3BC2' LK AT
E1' I @' '' E2' ABC2!' @2' E 2F BF' I '3' 4BC C2E42A' LG'
8 %@ ' E' ; : ' 'EA' E 3@2A' LG' ! 0 ' $7' 0 07' '
4BE ' E3' EB' BL 24 3' B ' E 2F23 ' KE 233' '' N 4 KF2' B ' @2'
NB @2B3 3' B ' !' 'F B' BFFBC2B' @2' N' FBE' B ' @2'
4@KF4@ ' BH2F' @2' @ 1@' ' 'F ' LG' 7 # ' 7 7007 ' 4'E' L2' 4' 2A'
3B!' @2' @2 'F ' B ' @2' 3' E ' 3' NF232FH2A' KEA2F' @2' ' 'F!

UK3 ' L2GBEA' @ 3' BE' @2' 2 ' @2') 7' $ 00 '% ' CB3 '
E2A' I @' 2 I 2 2F3{"3@BN3% LF'E4@23' B ' B' @2' ('PP '' A '
N'1E'!' @2' F E @' A2{ BE ' 3' 322E' L2GBEA' !' @2'
BNNB3 2' 3 F22 !' '' BE 'E2 ' ' 2'A3' B' !' (2 2F{3' 'EA ' E'
H2' C EK 23' B' @2' C '1E 42E %

! 7#744 ' ! %@ 6 ' L21KE' E' \8<' LG' 'FA E' ') 2P' ' FBC'
A23 1E3' B ' 'F EB' KE1@ ' 'EA' E 3@2A' LG' ('K ' !'
'C B' BF1@232 ' ;<\% 9 ' FBC' @B32' B ' 'C E B'
(BEP B!' @2' 'N'F C2E 3' E@'L 2A' LG' @2' 'C G' 'F2' @'EA'"
± 3BC2' LK ' 4BE ' E' 2 I' BL 24 3' 1 ' E 2F23

?' E' @2' F2 1E' B ' ('K ' !' @2' BF1@232' L24' C 2' @2' I 2 ' @ 23 ' 'EA'
CB3 'NB I 2F K ' 'C G' E' BC 2!' E' @2' G2 'F' ; 9 ' @2' 4@KF4@' L2E2 423

' ' B /

' F2 ' AG' 4BE 2FF2A' KNBE' 'FA E ' ' 4 N BE2' BF1@232' I 2F2' 4BC NK 2A' B' a24KF2' C ' 'E' E4BC 2' B ' \< <<<' 34KA !' @2' 2C NBF ' ' B 423' I 2F2' L23 B I 2A' BE' 'F4" E BE B' BF1@232 ' BE' I @BC ' @2' (BN2 ' ' 3B' 4BE 2FF2A' @2' NF E4 N' G' B ' K C BE '' E' 'N 23 ' L23 A23' 1 H E1 '@ C ' F 4@' N' '423' E' BC 2' 'EA' @2' CB3 ' L2 'K K ' H '3' E' @2' E2 1@LBKF@BBA!' 2' B ' A2A' @ 3' E2N@2 I 3' I @' NF232E 3' I 2' @ ' H2' '' 3 ' B ' @2C ' @FBK1@' @ 3' I @B 2' F2 1E' AB I E' B' @2' G2 ' F' ;9<!' @2G' 'F2' 3BC 2 C 23' 2 I 2 3' BF' H2332 3' B '3 H2F ' BF' C ' 1E 42E ' KFE KF2 ' I @ 4@' I ' 3' 'O2E' A F24 G' FBC' @2' 3 BF23' B ' @2' N ' '42' ' EA' 32E ' B' @2' E2N@2 I 3' I ' ' B @2F' C 23' 4 'F" ' F ' 123 ' F 4@' 'FC 3 ' '3'F EK3O2 3' 'EA' ' 4BE2 3 ' I 2F2' NF232E 2A' B' @2C I LK ' @2' NF E4 N ' ' @ E1' I ' 3' @2' FBKEA' 3KC 3' B ' @ 'FA' C BE2G!' @232' '44BKE 3' C ' O2' ' 'NN2 'F' @ ' ' B' @2' G2 'F' ;9< ' @2G' @ ' A' F242 H2A' E' F2 ' AG' C BE2G' ; , 8 ; 9 -' 34KA ' 7 ' L ' I' E' KB1@ ' A ' C BE 2 ' 9 : ;<<' 34KA ' '44BFA E1' B' @2 F' EBC E ' 'H ' K2I' E' N '423 ' 4BC NK E1' @2C ' ' ' @2' 3KC' @2 F' 3 ' 2' I BK A' @ ' H2' LFBK1@ ' B' @2' F2 ' 3KFG ' 9 ; , -;' 34KA I' ' ' I @ 4@' ' C BKE 2A ' ' 3' E' @2' 4 ' 32' B ' @2' ABLF ' EA E ' B' E2 ' F G' '' C BE!

?' BF' A A' @2' BF1@232' E21 24 ' B' EH23 ' @2 F' I 2 ' @' E' F2 ' 'NFBN2F G!' @2G' '4SK F2A' 2 1@ G' 23 ' 23' E' @2' ' C N ' 1E '' B ' B C 2I' @2' BC 'E' EBL 23' 3K 2F E1' @2C 32 H23' B' L2' 2C N 2A' E B' @2' 3 ' 2' B ' @2 F' 'E4 2E ' @2F2A 'FG' ABC ' E' LG' @2' 'F12' NF 423' N ' A' @2C ' 'EA' LG' @2' @ 1@' F' 2' B ' E 2F23 ' LBFE2' LG' @2' KB1@ ' A ' C BE 2 ' I @ 4@' @2G' NKF4@ '32A' I @' @2' C BE2G' @K3' '4SK F2A!' E' C 'EG' B @2F' N ' F 3' B ' @2' 244 23 '3 4 ' ' 3 ' 23 ' @2' BF1@232' ' 3B' 32 ' 2A' @2C 32 H23 ' @2' NBN2' '4 ' E1' @2 F' AB E1' 3B' LG' @2' 1F ' E ' B ' N24K 'F' NF H 2123!' E' 3BC 2' N '423 ' BF' 2M ' C N 2 ' @2G' F242 H2A' @2' F 1@ ' B ' F23 BF E1' 2M 23' I' E' B @2F3 ' @' ' B ' @B A E1' '' C ' 2 ' BF' 42F ' E' 2M2C N BE3' I 2F2' 1F ' E 2A' B' @B32' I @B' L24 ' C 2' @2 F' H ' 33 ' 3!' @2G' I 2F2' F22A' FBC ' H ' F BK3' C NB3 3 ' ' EA' 2H2E' BL ' E2A' ' 'LK ' LG' H F K2' B ' I @ 4@' @2 F' NB33233 BE3' I 2F2' E2H2F' B' L2' 4BE 34 ' 2A!J % $!.' #.' ,'#%!' '!

H' ' ◊BE' N2K ' F2NFB4@2F' ' (' K ' ' H24' KF' BF ' 323' L2F' 23' 2EH2F3' 323' E2H2KM ' 2EH2F3' 2' 4 ' FA E ' ' 4 N BE ' 2EH2F3' 2' AK2' A2' K C BE2 ' ' 23 ' K3 2' A◊' BK 2F' SK2' ' ' N KN ' F ' A23' C 2C LF23' A2' 42 2' EBL 2' ' C 2' F H ' 32"' F2E ' ' H24' 2' N ' N2' A2' C ' 1E 42E42' 2 ' A2' 12E2FB3 2!' F ' 4@ ' SK2' ' C 2 ' (' K ' !' A 3 F L ' ' KE' C BE' A◊24K3' A◊BF' 'KM' N2 2F E3' N ' KHF23' 2 ' KE' C BE' 2 ' A2C ' ' KM' 'K F23' E24233 2KM!' ◊23 ' @' K ' SK2' F2C BE 2' '' BEA ' BE' A2' ' ' L ' ESK2' AK' ' E " 3NF ' ABE ' 23' F 4@23' C C2KL 23' 32FH F2E ' A◊@GNB @2SK23' 'KM' A2N 3' SK ' K ' KF2E ' 4BE 23!' ' 3' 42' K ' 3KF BK ' A ' E3' 23' 4BE3 FK4 BE3' SK ' 2E F2NF ' SK2' (' K ' !' A2N BG ' ' KE2' FBG ' 2' C ' 1E 42E42!J % 1 $!# !

@2' BF1@232' (4 KF2' * ' 2FG' 3' ' L23 ' NF H ' 2' 4B 24"

! R << ' : G> :

BE E BC2 ' 'EA 3 BN2E B @2 NKL 4 A' G FBC 8 B 9 2M42N ' BE ' KFA 'G3 'EA KEA 'G3! L2 1' 2FG 3 2E 2F2A FBC @2 3 A2 B ' @2 N' '42 B I 'FA3 @2 ('PP'' BF1@232! ' 4BE ' E3 32H2F' ' 12C3 ' I @ 4@ 'F2 @2F2 C 'FO2A ' I @ 'E '3 2F 3O EB 42 'L 2 N 3 KF23 'F2 0%

F60 !% 4@BB 3 B ' 'E 'EA (2FK1 '!

!' B G' 'C G' !' "! #$%&&#

9! B G' 'C G' ! % '!' # % #'

7! B G' 'C G0' (#) &* # (% +,# !-

:! (BF F' ! % '!' # % #

\! 'E G' $.!!&!*' %! !' ' # $#

9-' 9,! (2 F'F4@''EA' 'KF'!

79! !' 1' @''0 $.!!&!*' %! !

77! @2' BKE1' @F 3 ! $.!!&!*' %! !

7:! 'ABEE''0 $.!!&!*'(% +,# /

7\! 'N@'2''3''LBG0 *. %

:7! 'ABEE''0 $%)$!' $# ' I

::! ' H'F B0 ' #0%&&#

:,! !' 2L'3 'E'0 (% +,# !

:8' \-! 3 BFG'B 'UB32N@0 (# + #$$.1

\8! (F232N B0 2% $.' #3+ % ' !' 4. %&1.% '5!+ ,

; ! !' E BE B!' $%)$!' $#

;;! (F232N B0 ''!&# !

;-! ABF' BE'B ' @2' @ A'U23K3'0 !& !

67' @F 3 ''EA' !' @BC '3' ' ''!&# !'8

69:' B G' 'C G'0 (!&& ;+!&!

N $' % @ 2 G'B ' @2' 34@BB ' B ' * 'FB ' B!

;! 'ABEE''I @' !'UB32N@''EA' !' 4@'2 0 < !* &!

8! @2' C BKFE2F3' BH2F'" @2' A2 'A' @F 3 0' < !* &!

,! (BF F' 'B 'UK K3' !' 0 <#+&#!' ! / !-' * % ' 4. %&

99! (BF F' 'B ''' 'FA E' 0 " ! '# !8'$ &&% ' 4. %&

97! /' 'ABEE''4B 'A H E'0' 'C BF2' 0 $.!! !*' 4. %&

9;! (BF F' 'B ' F23 'F' BF1 ''0 " ! '# !-' #3+ % ' !' 4. %& 'F

9,! (BF F' 'B ''' E'O2A ' I B C 'E'0 " ! '# !

7;! B G' 'C G'0 % ' %&' !

7,! E BC LC 2E 0 4. %&'J

' ''K @BF 23 '1F22' @' ' @3 @2 'K K 'NBF F' ' 3' EB ' @2' I BFO' B ' 'N@'2 ! #K1 2F' ' 3B' A2E 23 @' ' ' 3' @2 @ E233' B ' 323 'F' BF1 '!

’ ’ □

@ 3’N 4 KF2’I ’3’ @2’ ’3 ’I BFO’B ’ ’N@’2 ’L2 BF2’@2’I 2E ’ B’ BC2!’ ’I ’3’BFA2F2A’LG’ ’ ’E ’’ ’1 BE ’ BF’ ’’ 4@’N2 ’ E’ !’ F’E4234B’A2(’ BEH2E K’ ’ ’ ’(2FK1 ’!’ (’K ’ !’LBK1@ ’ ’ BF’ @2’ BF1@232!’ @2’ /’ ’ @’ BN2 ’’EA’ @’F G(’ ’ ’@2’ ’ 4’E ’ BFC 2A’ ’’NF2A2 ’’ BF’ @ 3’ N 4 KF2!

?’ ’N@’2 ()3’N 4 KF2’B ’/’ 2’F E1’ @2’LBAG’B ’ @F 3 ’ B’ @2’ 2NK 4@F2 (’ @BK1@’ C 2F E1’ ’ ’ 3’ ’C 2’ E’ F23N24 ’B ’AF’I E1 ’ 2MNF233 BE ’ ’EA’ OEB I 2A12 ’@’3’ B3 ’’ ’3 1E3’B ’F2H2F2E ’’ 22 E1’ E’ @2’N2F3BE3’B ’ @2’ L2’F2F3!’ @2’F2AK42A’3 P2’B ’ @2’I EA E1"3@22 ’ 3’ B’L ’C 2’ BF’ @ 3’L[’ LF E1 E1’ @2C’FKA2 G’ E’4BE ’4 ’I @’ @2 F’NF24 BK3’ LKFA2E!’ B @ E1’ 4’E’L2’ E2F’ @’E’ @2 F’ 1KF23 ’ BF’ C BF2’3’ 3 ’4 BFG’ @’E’ @2 F’ ’LBKF’ ’ I 2’ BF12 ’I @’ ’ ’ 3’ @2G’’F2’4’FFG E1’(’ LK ’ ’ 3’ @2’I 2 1@ ’B ’ @2’LKFA2E’ BE G ’ ’EA’ EB ’ @2’ 4@’F’4 2F’ B ’ ’ I @ 4@’ @2’N’ E 2F’ @’3’O2N ’ E’H 2I ’ ’EA’I 2’ 22 ’ @’ ’ @2’F23K ’I BK A’ @’H2’ L22E’ @2’3’C 2’@’A’ @232’ 1KF23’ L22E’4’FFG E1’’’3’4O’ B ’3’EA!’ 2F2’ FBC’ @2’GBK @’B ’ @2’ 1KF2’ @2’ L2’F2F’ ’ @2’ 22 ’’NN2’F3’ B’L2’ !’UB@E!J% 5’) & =#%

:<!’ B G’ ’C G’(’ ’’ !&!/%!

:7!’ ’ABEE’0’ ’ !#

::!’ ’ABEE’’(! ! / >

\ !’ !’ =? $%)$! 5#$#

\8!’ ABF’ BE’B ’ @2’ ’1 (& ’’! !

;<!’ (F232N B’(!* &!

;\!’ @2 BC ’F E’0’ !45@ 4. %&’ <.#&#!’ ! / !8

;8!’ !’UB@E’ ’N 3 ’E’ @2’ A2FE233’(<## #!’ ! / !

3$ 0!% @ 2 G’ B ’! @2’ 34@BB ’ B ’ EAF2 ’’ A2 ’ ’F B!’ @2’ I BF03’B ’ @ 3’N’ E 2F’ ’F2’ B 2E’ 4BE BKEA2A’I @’ @B32’ B ’@ 3’A 34 N 2 ’) BC2E 4B’ (K 1B!

!’ @F 3 ’L2’F E1’ @2’ FB33’(% ’ !& #

9!’ (BF F’ ((/#,# # !

\!’ /’ B ’C 2’ ’E12F2’((" ! ’# !’I

’ @2’ BF42F233’ F42’(!))!’ !))#

7!’ ’ 2F’) B BFB3’’(!& # 8

99!’ B G’ ’C G’($.!!(’!’ 4. %&

9: ’ ’ABEE’’’EA’ @ A’I @’ @F22’4@ AF2E’(’ %(’ !

9,!’ ’ABEE’’ @ A’ ’EA’ !’UB@E’(’ %(’ !

98!’ ’ABEE’’ @ A’ !’UB@E’ ’EA’ !’ P’L2 @!’ ! $ ’ 5!"

77’ B G’ ’C G’((#% # !’ %(’ ,

7\!’ 2EK3’ ’EA’ KN A3’(’ %& ! A

EE ' 6 / / U

:<!') 'E32'0 ! %,,#!'
E' @2' 4BFE2F' B ' @ 3' N 4 KF2' 'F2' @2' 42 2LF' 2A' KN A3'
3@'FN2E E1''E''FFB I !
:9!' B3C B'A2(2A 4 0 $2 $
:;!' @2' 2'A E1' '1A' 2E20 $.!!&!*' ! %,,#!
:-!' B G' 'C G'0 3 $-
:,!' @2' '12 ' BE'0 %3)&# ' %&(#!/3!
:8!' !' !' '1A' 2E20 '5!" #
@' % B B1E232' 34@BB !
!' E BCLC2E 0' $$' --
9!' KC32'E' LG 0 3!$-%$ J
,!' !' F'E4 3'0 #,!&#
9<!' !' UB32N@'0 <# !' % #-
97!' !' F'E4 3'0 $$' --
98!' !')BC2E 4'0 $$' --
7;!' 'ABEE'0 "' "-!
" ' 2F')B BFB3''0 "' "-!
7,: !' IB'@2'A3' BF''E' EEKE4 ' BE0 1 $
:9!' 2'A'B ' @F 3 0 "' "-!
:7!' 'ABEE''0))!*% !
-0@' !%
' 9' 7' :!' @2' BKF' 2'3BE30') ' " $
?' @2' 2'3BE3'LG' F'E4234B' L'E ' I2F2' L2GBEA' ' 'B @2F3'CG"
'HBKF 2' N 2423D' @2' L2'K K ' BGBK3' 'E12 "4@ AF2E % @2' BH23'
I2F2' '3' '4F2' BE3' B 'CG' BIE' AF2'C3!' BI'A2 4 + 3 G' @2G' I2F2'
3 '112F E1' 'LBK ' E' @2' N 4 KF2' B ' NF E1(' 4FBIA' B ' @2C' I2F2'
3@'FN2E E1''FFBI3' I@ 3 'BE2' B ' @2C' KFE2A' FBKEA' @2' 1F2' ' 1F EAT
3 BE2' 'EA' IB'B @2F3' B' E1' 'LBH2 'NBKF2A' I ' 2F'KNBE' !' E' KCT
C2F' @2G' 2I''LBK''CBE1' @2' F22"LF'E4@23' I@ 4@' I2F2' B'A2A' I @'
FK ' I@ 4@! @2G'N K4O2A'0 @2G'3I 'C' E' @2' F23@' I ' 2F' 'EA' N 'G2A'
I @' !' K KCE'LFBK1@ ' @2'N 2'3KF23'B ' @2'4@'32!' KN A(3 3' I @'
'' BF4@' E'@ 3'@'EA ' E'@ 3' 2' 4@'F B ' I@ 4@' IB' B ' @ 3' 4BCN'E BE3'
AF' I 0' I@ 2' BH2'L24OBE3' B' @2' LF 3O' @KE 2F' 'EA' 3@BI3' @ C' @2'
N '42' I@2F2' @2G'4'E' F23 ' @2C32 H23' 3 A2' LG' 3 A2!' E 2F' @'3' K 2A'
' ' @2' 2'BE23' B'3 22N'0 3BKEA G' 'EA' '3 ' @2G' 2'3 KCL2F E1' 'FBKEA!'
@2' GCN@3'3 2'' @2 F' SK H2F3' 'EA' 'FFB I3' I@ 4@' @2G' @FB I' BE' @2'
F2' @' ' @2F2' C 'GL2' 'E' 2EA' B ' @2' A'E12FBK3' I2'NBE3!J% %)% '
' .% #4 !0#) ! %
!' '' '44 ''A ') 'E''0 !/% #$.# !
9\!' @2')2NB3 BE' I @' E12 3'0) 'E1--

, @' !%

!' 2 KFE'B ' @2' (FBA 1' ' BE'0 #! - $

-!' (BF F' 'B ' *!' * @ 3 2F 0 (#% !' ' ! !

B!' !' 'E 3 'K3' I @' @2' @ A'U23K3'0

9!' UB32N@' E 2FNF2 E1' @2') F2' C 3' E' (F 3BE'0 &% # -

7!' @2' @F22' 123'B ' 'E!' ! 5 !/' ## '35'))!*% !B

,!' 'ABEE'0'))!*% !

99!' 1@ 'B ' E2'3' FBC' FBG'0 " !$$#!-

S?#@' % 4@ G' A24BF' 2A' I @' C FFBF3' N' E 2A' I @' KN A3' LG' G ' 'EA' IF2' @3' B ' BI2F3' LG' 7 '$' E

TUO@ % BE ' E3' EB @ E1' B ' CNBF 'E42' 2M42N ' '' CB3' 4' NBF F' 'B ' ('K ' !' LG' 7 ## ' ! 5 47#

- @' % BE ' E3' 32H2F' ' E 2F23 E1' F234B23!

!' @2' KN ' 3'B ' 2M'EA2F''EA' BM'E'!

9!' @2' KN ' 3'B ' 2F KC EK3''EA' (BC BE'!

7!' ? ' 2F3'1 B'A2') 2 !J

@232' @F22' F234N23' I 2F2' LFBK1@ '@ @2F' FBC' @2' '3 EB'B ' 'N@'2 ' E' @2' '' BF1@232' A23 FBG2A' E' @2' 3 212'B ' BC 2' E' , :8 ' 'EA' 'F2' 3KNNB32A' B' @'H2' L22E' N' E 2A' LG' 3BC 2' B ' 'N@'2 \3' NKN 3' FBC' @ 3' =A23 1E3!' @2' B @2F' F234B23' E' @ 3' FBBC' 'F2' LG' <#+&#!' ! / !-' 'EA' I 2F2' F2C BH2A' FBC' @2' '' 'E 2 ' I @2E' ' I '3' KFE2A' E B' '' 4BEH2E !

V 0@' W

9!' KN A'L EA B A2A' LG' 2EK3 0 ##

:!' UKA @0' $.!!&!*' ##

8!' (BF F' X' 5!$ $!

7!') 'H A' I @' @2' @2' A' B ' * B ' @' 0 <#! ,#! %

:!' !' UB@E' @2' 'N 3 'NF2' 4@ E1' KE E 3@2A 0 (+&' % ! %)%

;!' !') BC 2E 4' 0 ##

8!' (BF F' 0 <# $' ")) !

9 !' ?' '4F2A' 'EA' (FB 'E2' BH2' J' 0 ##

?' K 'B ' 2E 42' @2F2' 3' EB @ E1' B ' 'E\3' B' 4BC N' F2' B' @ 3' '4F2A' 'EA' (FB 'E2' BH2!' ' F2NF232E 3' I B' 1KF230' BE2' '' @2' H2E G' 'EA' GBK @ K ' BFC ' KE4 B @2A ' 2M42N ' I @' '' 1@ ' AF' N2FG0' @2' B @2F' '' BH2 G' 2C ' 2 ' AF2332A' E' @2' C B+ ' 3N 2EA A' ' F2' 0' LB @' 'F2' 3 E1' BE' @2' LF EO' B ''' I 2 ' E B' I @ 4@' '' 2' I E12A' BH2' 3' 1FBN E1' 'NN'"

F2 G' B' EA'@ 3' B3 ' A'F !' !' !' !') 234F N BE' 4'E' 1 H2' EB' A2 '' B @2' 4BE3KC C ' 2' L2 'K G' B ' @ 3' 4BC NB3 BE!' '@'3' ' 'E03' C ' 4@T 233' I 'FC @' B '4B BKF E1 ' I @' '' 4BFF24 E233' B ' A23 1E' EB' B @2F' N' E 2F' B ' @2' 2E2 'E' 34@BB ' 2H2F' ' E2A!' ' 3' E' KF2 ' LK ' EB ' EA H AK ' ' E ' KF20' ' 3' A2 ' ' L2 'K G' E' ' ' 3' N2F 24 BE ' 'EA' LF2 ' @ E1' 2' E' ' ' 3' FK @ ' @ ' ' I 2'L2@B A!' % ! ?)' ! / %

?' I B' 2C ' 2' BFC3' 'F2' 32 ' 2A' BE' @2' 2A12' B ' '' 3 'F4BN@ ' 1K3"3@ 'N2A' BKE ' E ' @2' BE2' E' '' F 4@' 2E2 'E' 4B3 KC 2 ' I @' 1 BH23 ' B I 2F3' E' 2 F'@ 'EA3 ' 'EA' '' N K402A' FB32' L23 A2' @2F ' 3' E' A22N' C 2A ' BE ' '3' ' 3B H E1' 3BC 2' A 4K ' SK23 BE!' @2' B @2F' 3' KE4 B @2A' 0' '' F2A' AF' N2FG' 3' ' E1'L2@ EA' @2F ' I @ 2' 3@2' 2M@ L 3' '' BFC 'B ' @2' K CB3 ' L2 ' K G' 'EA' A2 4 ' 4G0' 3@2' 3' KFE E1' B I 'FA3' @2' B @2F' 1KF2' I @' @2' 3I 22 23 ' N2F3K ' 3 H2E233' B ' 2MNF233 BE!' ' KN A' 3' N ' G E1' E' @2' BKE ' E0' E' @2' A 3 'E42' 3' '' F 4@ ' 1 B I E1' 'EA34 ' N2!J% 1&"!

7<!' 'ABEE '0' <#$/' "%&&# #

7 :!' !' B3CB' 'EA') ' C 'E' 0 % %# ' $.!!&

D' % 2FBE232' 34@BB

!' 'ABEE '' I @' A 'C' R ' 'EA' !' K1K3 E2' 0 ! % '!' ! !-) E!' +

9!' !' E @BEG' NF2 '4@ E1' B' @2' 3@23' 0 (' % ! %)% I

7!' 'ABEE '' 0 # # ' I

!' 2EK3' 'EA' KN A' BE') B N@ E3' 0 +$' /3#)!

:!' '3 ' KNN2F' 0 $5' -% * $!

U!' @F 3 '' EA' @2' B @2F' B ' `2L2A2203' @ AF2E' 0 "! #* '#!

;!' 2 KFE' B ' @2' (FBA 1 ' ' BE0 $, 2 J

-!' 'C 3BE' 0 # #

97' @F 3 '' EA' @2' BC 'E' 'O2E' E' AK 2FG' ' "! #* '#!

8!' 'ABEE '' 'EA' ' E 3' 0 (&/ ' %$$.#!

E' @ 3' N 4 KF2' @2' ABEBF3' 'F2' E FBAK42A% @2' @2 'A' B ' @2' C 'E' 3' 1F' EA G' A2HBK ' ' EA' L2 'K K !

9\!' (BF F' 'B ' C 32 0' # $' I

9-!' (BF F' 0 <#!0' "%&&# #

7 !' 'ABEE '' 'EA' !' (2 2F' 0 <#!0' "%&&# #

79!' B G' 'C G0 (&/ ' %$$.#!

77!' (BF F' 'B ' @2' 'C G' B ' 4 E 'A '' (BFA2EBE20' " ' #$# # ' (! % ! %-' '

XN0@' %) K 4@' 'EA' * 2FC 'E' 34@BB

!' FK4 M BE0 9 5 !

BF ' N2K' A2' 2 2F' 23' F 4@23323' SK◊ 3' H2E ' B ' A◊'4SK2F F'A ' E3' 23' 2A 423' A2' KM2' 2 ' A2' H ' E 2!' ' ◊ E 2F 2KF ' 2' N K3' 3BKH2E ' 23 ' KE' C BL 2F' F ' F2 ' 3KF ' EE2 ' 2 ' C 23SK K!J % ' 1' J

@2' ! 7#744 ' : ' \ ' BF3B ' BE' @2' 2 ' @ ' 3 ' E3 A2' 3' 2E F ' E42 ' ' 4KF BK3' 3 ' K2' B ' ?' ' KCEGJ' LG' : ' I @' ' E' E34F N BE' F2 ' H2' B' @ 3' B I E' 3K 2F E13' FBC' 3 ' EA2F! ' E' @2' F 1@ ' @2' 3C ' ' N ' PP ' ' B ' !' BF2EPB' BN2E3' BK ' B ' @2' BF3B!' 2F2' 3' @2' @8 @' ' ' 4 ' ' 8 7 ' BKEA2A' E' @2' @' 42E KFG ' LK ' F2LK ' E' 3' NF232E ' BFC' LG' (' K ' !' E' ;<;!' @2' 4 ' CN ' E 2' 3' B ' ' E' B A2F' A ' 2 ' ' EA' 3B' ' F2' @2' BE3' E' @2' NBF 4B!

?' @2E' @2' BE ' BF' B @2F' I A' L2 ' 3 ' ' NN2 ' F3' E' @2' ' 4 ' B ' NF2G E1' BE' ' ' 3C ' 2F' ' E C ' ' BF' BE' ' ' C ' E ' 3' CN 2A' @2' 32H2F G'B ' @2' @KF4@' B I ' FA3' @2' CN2E 2E ' BF' @2F2 4 ' K LK ' I @2E' E' @2' ' 4 ' B ' 3NBF E1' I @' ' EB @2F' 4F2 ' KF2 ' @2F' L2E 1E G' B I ' FA3' @2' E2BN@G 2' ' EA' @2' =AB4 2!' ' @2' NBF ' ' B !' BF2E ' B' E' K4 E ' ' @ 3' A2 ' ' 3' 4 ' FF 2A' BK ' E' @2' 1KF2' B ' ' ' C ' EE O E' ' 24 BE ' 2 G' 3 FBO E1' @2' @2 ' A' B ' @2' 2 L 2' 4F2 ' KF2' I @B' NFB 24 3 ' E3 2 ' A' B ' A2HBKF E1' @ C !J % !3 $ 7 % # $' #

B' BE2' 3@BK A' BC ' 322 E1' @2' 1F ' EA' N 4 KF2' B ' G8 $ ' : ' BH2F' @2' @ 1@' ' ' F' B ' @ 3' 4@KF4@ % @2' FK4 M BE ' 322E' ' 1 ' E3 ' ' ' I A ' 3 BFCG' 3OG!' 44B ' 3' (BK33 E ' BL!' ; ;< ' 3' LKF 2A' @2F2 ' ' EA' BE2' B ' @ 3' L23 ' 0EB I E' F4 ' A ' E' ' EA34 ' N23' 3' F2"NFBAK42A' E' ' ' L ' 3"F2 2 ' KNBE' @ 3' BCL ' I @ 4@' I ' 3' 2F24 2A' LG' @ ' 2 ' KLF ' EA ' I @' @2' 2N ' N@!

?' ' F42 ' N 3' ' 4FGC 3 ' H H ' (K33 EK3' E' KC
HK3' SK ' A2A2F ' ' E234 K3' N32' CBF!
4' ' C 2E' N32 ' 3 2 ◊ 3 ' H 3' ' KA F2' BSK2E 2C
FKC ' 23 ' E' ' LK 3' H H ' 2 ' 2 BSK KF!J

? @2' E1' ' EA' @2' BBOJ' B ' FB I E E1 ' @ 3' 4@KF4@

' ' @2' C ' EG' ' EALBBO3' BF' ' G' I @ 4@' @ ' H2' ' NN2 ' F2A ' N2F@FS 3' @ ' ' B ') K' (' G3' E' BE2' HB KC2 ' 3' @2' CB3 ' 4BC NF2@2E3 H2 ' ' EA% ' 3' ' F' ' 3' 3' H2FG' 4BEA2E32A' BFC' ' B I 3% CK4@' @2' CB3 ' E "23 E1

' ' , /

3' @2' 342E2' B ' (BCN '03' L'N 3C' 'EA' C'FF '12!' @2' 3' C'A2' B' 3'G'0%

% ? @ 3' !' BF2EPB' 322C3'
G'BIE'N'F 4K 'F'N '42' '' I'G3'3'G!
'K32A' B' IBEA2F' I@2E' '3 BBA'34'F42'@ 1@'
3' @2'L2A'@2F2' I@' ' @2' C'FL 2' BE'C2'E !
' E1' @2' 1KF2'B ''' NFB3 F' 2'C'E!J

2F2' @2' LBA 23' B '@2F' N'F2E 3' 'F2' F2NF232E 2A' '3' L2 E1' 2M'' ' NB32A' ' 2F' @2' CKFA2F0

%'?'L2E2' @' @2'N 242'
' '3 2F'*K AB' 2E ' @F3'BE' FB33
24BEA' B'EBK1@'BL32FH'L 2' E' BC2!J

E' @2' 2 ' I@2F2' @2' '' A2 '' 2' KFE3' BK ' B ' @2' BF3B ' 'E' E34F N BE' E' @2' I ' ' F24BFA3' @2' A23 FK4 BE' E' ; ; \ ' B ' @2' FKCN@' ' 'F4@' B ' 'F4K3' KF2 K3 ' I@4@' 2M 3 2A' @2F2' ' @' ' C2!' @2' C'1E 42E42' B ' @3' 'F4@' 3' ' 23 2A' LG' @2' L'3"F2 2 3' F2NF232E E1' @2' @ 3 BFG' B ' @2' 2CN2FBF ' I@4@' I2F2' F2CBH2A' FBC' ' 'EA' 'F2' NF232FH2A' BE' @2' 3 ' F4'32' B ' @2' N' '42' B ' @2' BE32FH' BF3!

? 23' 'FL'F23' E()2E' 3'H' 2E ' N'3' '332P' 2 ' E()'H' 2E ' N'3' '332P' A2' N' 2E42'NBKF'A2CB F' 23' CBEKC2E 3'F2C ' E3'() C ' 3 ' 'H24' 23' F23BKF423' A2' ''34 2E42' CLA2C2'4 ' '' ''3K 2'A()KE2''AC E 3 F' BE'F2()1K 2F2 ' BE'23' H2EK' ''LBK 'A2'NF23SK2' BK '42'SK2' 2' 2CN3' 'H' '2N'F1E2!' 'G()'H' ' N'F'2M2CN2 ' 'K'4BC C2E42C2E 'AK'MH ()!' 3 24 2 ' SK ' F2' 'F43'A2' F BCN@2' SK 'E()2M 3 2E ' N K30' 2' A2FE 2F ' 42 K ' A2' 'F4' KF2 2 ' '' 2 2' 2E 2H2' N'F' 2' N'N2' 2M'EAF2' !' E' '2E4BF2' A'E3' 2' BF3B' ()E4BE42H'L 2' E34F N BE' A'E3' 'SK2 2' 2' N'N2' 32' H'E 2' A()'HB F' A2L'FF'332' 2' NFBT C2E'A2'NKL SK2'A2'42'CBEKC2E 'SK HK'3''A' 2'A2H' '2 F2'A()KEL2'K' 3 G 2!J% 3'! !.' 9 &!' $#! 01!

' 2' KF @2F' ABIE' @2' BF3B ' BE' @2' 2 ' @2' '' A2 2' BEH2F 2' 2'A3' B' ! 3#5 60 ' ' 79 ' BE2' B ' @F22' 4@KF4@23' E' BC2' A2A 4' 2A' B' @2' 3' E 2A' NBN2' B ' @2' C2' B ' BE3 'E E2!' @3' 02' !' BF2EPB ' @'3' '' E2 C2A 2H' ' 4'CN'E 2!' @2' A'G' B ' !' G H23 2F()3' A2' @!

) 242C L2F' 7 ' % & ' 77\ ' 3' O2N ' @2F2' I @' 1F2' ' 3B 2CE G' 'EA' 3' 42 2LF' 2A' LG' C '1E 42E ' CK3 4' ' 32FHA423!' @ 3' NBN2' I '3' LKF 2A' E' @2' 42C2 2FG' B ' (F 34 ' ' I @2E42' @ 3' F2C ' E3' I2F2' F2CBH2A' B' !' 'F EB' ' ' BE 2!' @2' 2' ?' E' 'N 2' J' 3' 1 H2E' B' @ 3 ' 4@KF4@' BE' '44BKE ' B ' @2' @2 'A' B ' !' UB@E' 'N 3 ' I @ 4@' ' NFB 23323' B' NB33233 ' '3' 3' E'FT F' 2A' LG' 'E' E34F N BE' 2E1F' 2A' E B' 3' I ' 3!

@2' 4BEH2E ' ' '4@2A' B' @ 3' 4@KF4@' I '3' BKEA2A' E' 7 , ' 23N24 ' G' BF' EBL 2' 3 3 2F3' B ' @2' @BK32' B ' B BEE'' I @B' A2A 4 ' 2A' @2C32 H23' B' *_UA' 2F2' ' I '3' @' ' @2' 42 2LF' 2A' BF '' B BEE' ' 'F4@23 '' A ' (234 'F' ' 4' C2' B' F23 A2' E' \9\ ' I @2E' I AB I 2A' E' 2F' @ F G"3 M @' G2 'F ' 'EA' @2F2' 3@2' L21 'E' B' I F 2' @2F' 3BEE2 3 ' '' O EA' B ' ?' E' 2CB'' F 'F@ J' B' @2F' @K3L 'EA!' ' 3' ' 4KF BK3' NFBB ' B ' @2' H' K2' N '42A' KNBE' @2F' F ' E E1' E' @2' I BF A ' @' ' (BN2' 2T C2E ' !' I '3' N2F3K 'A2A' B' 32EA' '' LF 2 ' B' @2' 'LL233' 'EA' EKE3 ' A23 F E1' @2C' B' B 2F' @2F' ?' ' 3N F K' ' 'EA' 2CNBF' ' 4BE3B ' BE3 J' LK ' BFL AA E1' @2C ' KEA2F' N ' E' B ' @2' 1F2' 2F' 2M4BCCKE 4 ' BE' B' N2FC ' @2F' B' 'O2' @2' H2 ' E' @2F' ' 4 BE! ' =

' @2' 2EA' B ' @ 3' 3 F22 ' 4BE EK2A' KEA2F' @2' E' C2' B ' '' A2' 2F42A2' B!' ' I '3' @2' F23 A2E42' B ' 2FE E ' 'EA' L2@ EA' @2' (FBN '1' EA' ' 3' @2' @ 0 @' ' ' $ 7' $ ## ' E 700 ' I @B32' LF 4O' 4KNB '' LG' BFFBC E ' 3' 3B' N 4 KF23SK2' '' 2' KF2!' @2' L2 " B I 2F' L23 A2' ' 3 I E13' I @2E' @2' L2 3' 'F2' FKE1!' E' @2' 324BEA' 4@ ' N2 ' BE' @2' F 1@ ' 3' @2' L2 'K K' CBA2FE' BCL' B ' 'A2CB 32 2' UK 2' ' 4BEE2 ' LG' 33' B3C2F!' @2' BNNB3 2' 4@ ' N2 ' 3' F2C 'FO 'L 2' BF' '' CBA2FE'' C F' 4 2' R' 'EEK' G' 4BC C2C BF' 2A' @2F2!

' 22' FB BN2\3' 2' B ' BF '' B BEE'

! !

3B

H' !' ' 3LBEE2 'KE' K ' 'NN 'F 2E 'E ' ''KE2' F23"F 4@2' 'C 2' A 3' 42' SK '32' FBKH' ' '44 A2E 2 2C 2E ' '' BC 2 '32' NFBC 2E 'E 'A 'E3' 21 32' A2' !' EAF2 '' A2 2' F' 2' N2EA 'E ' SK BE' G' ' 3' ' 23' NF2N 'F' 3' NBKF' 23' BL3 SK23' A2' !' A2' '' 2FFBE 'G3 ' 3 G' 23 '4BEH2F X' 3KL 2C 2E !' 32' FBKH' 'A2LBK '2E' '42' A KE2' 4@ 'N2 2' A2A 22' '' 'E12' 1 'FA 2E ' '' SK2 '" SK23' N '3 ' BF3SK2' BK "' "4BKN' ' '' 2K' KE ' 'NN 'F BE' KC E2K32' A2' '' ' E 2' 2F12' SK ' K ' '' ' '3 1E2' A' 2F' H2F3' 42 2' 4@ 'N2 2!' $E2' BF42' FF& 3 L 2' G' ''2E F' E2' 'G' 23 ' BC L2' '' 12EBKM ' 2 ' ' '2 2' '' E3 'E ' @F2 2E!' ''NF2C 2F2' N 'FB 2' ' 42 K ' SK ' 'H' ' '44BC N '1E2' ''2 2 ' 2E ' F2 2H 'E '3BE' H 3 '12' EBEA2' A2' 'FC 23' ' ' 'K 'SK2' 42' C BE3 2KF'' 'L2 'K" 4BKN' NF 2' NBKF' C B !' > (!- #583 !' 1

? F'' KE' E3 'E 2' 4@ B'!C ' 3 'H '' E' 4@ 23'' ' BF''4@2' A ' 4B NB' C ' 32E ' NF23B' A '' E23NF C L 2' 4BE KFL 'C 2E B!' P' ' 1 ' B44@ K B' 2A P B' 3 2F'' A 21K' B' C 2 '31K 'FA 3B ''KE''4 'NN2 '' 'H2H''4BC2' E' 32' F '44B ' K '' '' K42 ' 2 A ' C 2PPB' A ' F '11 'E '3N 2EABFX' 3 2' CB3" F' ''A F '' 3K ' ' 'F2 ' 1F 'EA2 ' 3 B 1BF211 'E 2 ' N 2E'' A ' C '23 '' 2' A ' AB 42PP' ' '' 2F1 E2' 'F '!' $E '' BFP'' FF23 3 L 2' C @'' 3B3N E B' H2F3B' A ' 2 !' ''H2F1 E2' C @''W' B' A2 '' C 'EB' 321EB' A E1 EB44@ '" 'FC N' N 'F2H''HB 2FC 'A F2 ' /' 2E2' X ''EBE' C '@''N 'F ' B' C '' B' @B' E 23B' K B > (!- # " , ' ", $!' # $$! J

!' A2' '' 2FFBE 'G3 ' I @B32' 4@ 'F '4 2F' 3' EB I ' 3B' I 2 ' OEB I E' FBC' @2' L2 'K K ' 'C G' C2CB F3' B ' F3!' K1K3 K3' F 'H2E ' 3' LKF 2A' L2E2 ' @' @2' ' 'F' I @2F2' @ 3' H 3 BE' B44KFF2A!' E' @2' @ ' 4@ 'N2 ' BE' @2' 2 ' 3' @2' BCL' B ' E12 4'' # 'K C 'EE' E' @2' F 1@ ' ' 3 2' @' ' B ' @2' (FK33 'E' 'F 3 ' 4@ 'AB I !' @2' I B' 'E12 3' E' FBE ' B ' @2' 4@B F' 'F2' LG' : ' I @B' E 2EA2A' @2C' BF' @2' LF A12' B ' !' E12 B!

2 KFE E1' B' @2' BF3B ' @2' '' !' 'KA B' 2 ' 2 'A3' B' @2' NF2 G' 2' 4@KF4@' B ' @' ' E 'C2 ' 'A B E E1' @2' (' 'PPB' ('F 3 'E !' 2@ EA ' 3' @2' @KF4@' B ' '!' 'F '' E' '!

' @2' 4BFE2F' ' @2' ('PP'' B BEE'' 3' @2' !7#744 ' @ % ' L21KE' E' \9 ;' LG' @' 4BCB' A2 '' (BF ' ' 'EA' E 3@2A

' 22' / UE' 1 KB A' 'F ' ' B33 '' E' KBHB' EB3 FB' F' 2 BW2A 2A' LG' @2' 'FBE' A ' K33 2F2!' , :9

EE ' , 6 ' EE ' \

LG' 'F B' 'A2FEB!' '4BE ' E3' 32H2F' '1BBA' N 4 KF23' 'EA' '' E2' LF'FG' LK ' 3' 32 ABC' 3@B I E!

@2' CB3 ' F2C 'FO'L 2' C2CL2F3' B ' @2' 1F2' ' 'C G' B ' @ 1 ' @'H2' L22E' @2' 'CBK3' L'EO2F' 1B3 EB' @ 1 ' I@B' H2A' 3B' 3KCN KBK3 G' ' ' @2' 'FE23 E'' 322' 4@'N!' 9< ' 'EA' 'L B' @ 1 ' I@B' CBKE 2A' @2' N'N' ' @FBE2' '3' 2M'EA2F' ! ' 'EA' I@B' BE1' F2 K32A' B' @'H2' 'EG @ E1' B' AB' I @' @2' '11F'EA 32C2E ' B ' @ 3' 'C G ' 3'G E1 ' @' ' @2' NBBF' I 2F2' @2' BE G' F2 ' BE3' @2' I BK A' '4OEB I 2A12 ' 'EA ' O2' @F 3 ' @2' A A' EB ' I 3@' BF' 'EG' E2 'F2F' BE23!' B' O22N' @ C32 ' E' C EA' B ' @2' 3@BF E233' B ' 2 'F @ G' 1F'EA2KF ' @ 3' NBN2' ' I 'G3' O2N ' '' 4B E' E' @ 3' FBBC ' 'EA' AF'EO' BK ' B ' '' 4KN' 3@'N2A' O2' '' 3OK ! @2' 3 A2' B ' @2' ! 7447' # 7' I @ 4@' '423' @2' BF3B ' 3' B44KN 2A' LG' @2' F2E4@' 'FG ' KL!' E' 3' B @2F' 3 A23' 'F2' @2' (BCL EB' ' ' 2FF' KB ' N' '423 ' B ' EB' E 2F23 !' E' @2' 42E F2' 3' N '42A' @2' E2' #8 ' I @ 4@' I '3' BKEA' BE' @2' BE 2' BF B' E' -<8 ' @ 'H E1' L22E' BF 1 E' G' 2F24 2A' LG' @2' 32E' 2' 'EA' N2BN 2' & ' - : ' B' @2' CN2FBF' 'F4K3' KF2 K3' E BE EK3' 'ABN 2A' 3BE' B ' @2' CN2FBF' 'AF 'E % ' @K3L'EA' B '@ 3' E 242 ' EE '' 'K3 E' % ' @2F B ' 2' CN2FBF' BC CBAK3 !' ' 3' 3KFFBKEA2A' LG' L'3"F2 2 3 ' F2NF232E E1' @2' 4BESK23 ' B ' @2' 'F4BC 'EE !' E2' B ' @2 2' @ '3' BE1' L22E' 'E' 23N24 ' ' BL 24 ' B ' E 2F23 ' FBC' L2 E1' 3KNNB32A' B' F2NF232E ' '' A H E G' UKN 2F' R ' 32EA E1' F' E' B' @2' FBBN3 ' E' 'E3 I 2F' B' @2' NF'G2F3' B ' '' @F 3 'E' 21 BE' FBC' G'' 2E2!' K32L K3' 1 H23' @2' 3 BFG ' 3 ' E1' @' ' @2' N 2 G' B ' @232' @F 3 'E3' EAK42A' @2' 2CN2FBF' B' '30' @2 F' NF'G2F3' E

' ' 'CBF2' I BF @' I @ 2' B'H 3 ' @2' (' 'PPB' @ 1 ' ' ' 'F 44 ' ' E2'F L'EB' I @ 4@' F2 ' E3' 3'3 ' CN2A' 2' @2F @'E1 E13' 'EA' C K ' B ' 3' B A' KFE KF2!' 2F2' C 'G' L2' 322E' '332CL 2A' E'BE2' FBBC ' @2' NBF F ' 3' B ' @2' I 2 H2' E 2423' B ' 2M'EA2F ! ' I@B I 2F2' 3B' 2E4@'E 2A' I @2E' @2 F' KE4 2' I '3' C 'A2' NBN2' @' ' @2G' ' ' BBO' @2' H2 ' CC2A ' 2 G' B'N 2'32' @ C'

' ' /

@ 3' E24233 G' 'EA' '' 2 2F' E' UK3 E' 'F b 0' B ' I @ 4@' @2' 'K @2E 4 G' 3' CK4@' ABKL 2A ' E' I @ 4@' KF2 K3' ' B I 3' @2' '4 ' 3' NFBAK42A' E' NFBB !' @2' 3 ' K2' B ' !' ('K ' BE' @2' BN' B ' @2' 4B KCE' I '3' 2F24 2A' LG' M K3' !0' @2' N2A23 ' ' ' 3B' 3' CBA2C!'

=

2@ EA' @2' ('PP'' B BEE'' 3' @2' ! 7447' 0 ' 0 ' 4BE ' E E1' 'E' I # 6D' I @ 4@' I '3' A 34BH2F2A' E' LFBO2E' F'1"' C2E 3' E2 'F' @2' 4@KF4@' B ' !' BF2EPB' E' K4 E' ' ' I '3' F2N ' F2A' I @' N 2423' B ' @2' 4B KCE' B ' E BE EK3' (K3 ' @2' N2A23 ' ' B ' I @ 4@' C 'G' 3 ' L2' 322E' E' @2' ' 4 'E' 1 'FA2E!' 3' @ 2FB1 GN@ 43' 'F2' H2FG' N2F 24 ' 'EA' H ' K 'L 2 ' 'EA' 3@BI' @' ' ' I '3' 2F24 2A' CBF2' @'E' ;<< G2 'F3' L2 BF2' @F 3 ' E' @BEBKF' B ' (3 'CC2 4K3' !' ' I '3' LFBK1@ ' FBC' 2 BT NB 3' LG' K1K3 K3 ' 'EA' 2 24 2A' LG' @ C ' E' @2' 'CNK3' 'F K3 ' I @2F2' ' F242 H2A' @2' E 'C2' % ' L2 34K3' B 'F 3 ' FBC' L2 E1' C 'A2' B' '4 ' '3' '' 3KE"A '

+

?' 'SK '23 ' E' 4 ' C NB ' A HK3' K1K3 K3' 'AA A 'C F'L 2C'K3KC' 'A' A2"' NF2@2EA2EA '3' 3B 3' KCLF '3 ' A 2FKCSK2' '4' EB4 KC' '' C '1E KA E23 ' 3 F' B' 'N A2 A' C '1E KA E2C' BL2 34 ' 4K 'N 'F' 2F2 ' KCLF' ' LFKCe2' 4BE 24 3' A 2 '32M '' LBF' 0' N 'K ' CSK2' N2F' F21K '3' SK'3' 3KE ' 2M' A 2' 2M4 K332 ' 3 E1K 3' A 2LK3' A24F2342F2 ' ' 4' FKF3K3' 'K12342 DN 0 A 1E '' 4B1E K' F23' 2 ' E12E B' B24KEAB!' 'E K3' C ' @2C ' 4K3' 'N 4 ' 'KF' 'C 'N 'C' 'AA A ' 4K K3' KCLF' 'H2F 42' 4B 12F2 KF' E' 32' N3 '' ' '3' 2EBFC 2F' '4K"' 'E 2' 'N 42' F' BE2' K ' 2FKE ' '' 4 'N 2' @BC E 3' E 2 24 '!' '24' BL32F"' H' B' F 1 E '' 'C' 2F2' 'EEB3' EBE' 4BE1FK ' 3 H2' 3B 3' N3 K3' A 33BEB' 4$F3K ' 2 ' 4B2 ' ' SK' 'F' BE2' CK ' B ' 3 H2' KE H2F3 '' 2 KF2' '' 42E FB' 3KB' ' SK A' 2CB ''K A2NF2@2EA '2 ' E' ' 3' B4 3' '44 N B' 0' 3 H2' KFL 3' F2CBF"' LK3' L ' 'E KC' 1EBC BE2' E BF B ' 3 H2' EKEA ' BE LK3' L2F 3' 32A '" C2E B' CB 3' '4 B' 0' SK 'ESK 'C' 'A' ' KA E2C' C NB3 ' BE2F 3' E' 2FF' C' SKBSK2' A 4 'E KF' '4 '' KEA 'C2E '!' % / ' ' #) ' L!' MMM H!' :!

@ ' ! 7#7 ' '0@ ' 0 ' 0 ' A23 1E2A' LG' 2FE E ' 4BE ' E3' NKL 4' B 423' 4BEE24 2A' @' NB 42 ' N '33NBF 3 ' &4!

E' @2' BNNB3 2' 3 A2' B ' @2' N 'PP'' 'F2' @2' ' I 'G' 'EA' 2 21F 'N@' 423!

(FB422A E1' KN' @2' BF3B ' @2' '' A ' (2 F'' F 1@ ' 2'A3' E B' @2' 3C ' ' ('PP'' A ' (2 F' ' BE2' 3 A2' B ' I @ 4@' 3' B44KT N 2A' LG' @2' 2 2H2E' F2C ' E E1' 4B KCE3' B ' @2' 9# ' ' 908 ' LK ' KN' LG' EEB42E ' 5 !' E B' @2' I ' 3' B ' @2' =CBA2FE' K3 BC"@BK32!' ' 3' I BF @' I @ 2' B' 2E 2F' @2' 4BKF T G 'FA' E' BFA2F' B' BBO' L '4O' 'EA' BL32FH2' @2' CC2E32' C '3323' B ' 3 BE2' 'LBH2' @2' 2E F 'E42 ' N 'F ' B ' @2' 'E4 2E ' 2CN 2 % I@4@ 'F2' @2F2' KE4BH2F2A!

B32' B' @ 3 ' L2@ EA' @2' (' 'PPB' E ' E' @2' ('PP'' F 'E2 ' 3' @2' 70 ' 79 7 7(' B44KNG E1' N 'F ' B ' '' N' '42' B ' ' 7\<' I @' 1B @ 4' I EAB I 3!' @2' BNNB3 2' 4@KF4@' 07 ' 7 7' ' L8 ' F24' 3' LG' 3' E 'C2' @2' 4B KCE' B ' @2' SK F ' ' 42 2LF' 2A' E' 'E4 2E ' 'EE' 3' '3' @2' N '42' I @2F2' 42F ' E' 1 'C23' 'EA' @BF32"F '423 ' E3 K 2A' LG' BCK K3 ' I 2F2' 42 2LF' 2A!' H A' A234F L23' @2C' E' @ 3' '3 !' @2' 4@KF4@' I '3' BKEA2A' ' :<<' LK ' I '3' F2"LK ' KEA2F' F 'E4234B' A '' B 2FF '' E' \8<!

' 3C ' ' E4F2 '32' B ' I A @' E' @2' BF3B' 3' EB I 1E 2A' LG' @2' E 'C2' B ' @2' ! 7447' 7 7 ' @2' 3 F22 ' I @ 4@' KFE3' B ' 2E22 ' KEA2F' 'E' 'F4@' '' A2' KF' 2 ' BE' @2' 2 ' 2'A3' B' @2' ! 8 07 ' ' 5 ' 2F24 2A' E' -7\' LG' 44B B' ' H ' BF' 2C2E ' 5 !' @2' 3 ' K2' B ' 2N KE2' 3' LG' (2 FB' F '44 !

? @2' BKE ' E' B ' F2H ' AF ' I 3' 3' NF24 BK3' I ' 2F' FBC ' '' 3BKF42' 'F' L2GBEA' @2' I ' 3 ' I @2E42' ' B I 3' @ @2FI 'FA' @FBK1@' B A' 3KLT 2FF 'E2 'E' 'SK2AK4 3 ' 'EA' 3N 'FO 23' BF @' '3' NKF2' '3' @2' H F1 E' I @B' F3 ' 2A' 1F NN '' B' 3' I 2 "3NF E13' LG' @2F' ' @2F{3' ABBF!' E' @2' A23 1E' B ' @2' BKE ' E ' 3BC2'34K N BF' B ' 2FE E \[' 34@BB '@ ' 3' 1BE2' 'L3B K 2 G' C 'A ' E' C 'FL 2!' ' 3' '' 1F2 ' ' N ' '42" FBE ' I @' E 4@23' 'EA' C 'EG' L '3"F2 2 3 ' BK 'B ' I @ 4@' BBO3' 1F N c '{3' 212EA 'FG' H F1 E ' 'EA' 32H2F' ' B ' @2' ' 2T 1BF 4' 3 3 2F@BBA' \ I @ 2' ' ' 2' L '32' 'NN2 'F3' 2N KE2' I @' @ 3' BKEA2F"

E1'3 22A3' ' A' F BE3'L B I E1' @2 F' @BFE3' 'LBK '@ C ' 'EA' I 2E G'B @2F' 'F 4 ' ' 'E '3 23 ' I @ 4@' @2' 4' C' CBBE 1@ ' 3BB @23' E B'L2 2F' '3 2' @ 'E' 3'E' H2' B' @2C!' EA ' ' 2F' ' ' ' 3' '3' C 'IE 42E ' ''N 242'B ' I BFO' '3'2H2F'@KC 'E'3O '4BE F H2A!' ' @2' BB 'B ' @2'N' ' ' ' '8'A2' 3'3 FB I E ' I @'4'F2 K ' 'F ' 'EA'BFA2F2A' F21K 'F G ' '' LFB 'A' 'EA'LFBO2E' @2 'N'B ' C '33 H2' FB4O ' BBO E1' '3' ' ' C ' '@'H2' ' E' @2F2' 3 E42' @2' A2 K12!' H2F' '' 42E F' ' NF24 N 42' ' 3' @2' I ' 2F ' E' '' 32C 4 F4K 'F' 4 '34 'A2'D' 'EA' FBC' ''@KEAF2A' 4F2H 423 ' BE' ' '3 A23 ' 3EB I G' 2 3' 1K3@'KN ' 'EA' 3 F2 'C3' 3NBK ' BK ' B ' @2' CBK @3' 'EA' EB3 F 3' B ' 3 BE2' CBE3 2F3 ' 'EA' ' ' E' 1 3 2E E1' AFBN3'D' I @ 2' B @2F' F HK 2 3 ' @' ' @'H2'FKE' I A ' 4BC 2' 2'N E1' FBC' BE2' FKA2' 3 2N' B' 'EB @2F 'BH2F'3 BE23' @' ' 'F2' CB33G ' 3@ E E1' 'EA' 1F22E' I @' 32A12 ' L24 'K32 ' E' '' 42E K "G' B ' @2 F' I A'N 'G ' E ' KF2' @ '3' 'ABN 2A' @2' BKE ' E' B ' F2H ' I @' ' ' 3' 2 'LBF' 2' A2H 423 ' BF' @2F' B I E!' E ' G' @2' I ' 2F ' KCL E1 ' 3N'FO E1 ' 'EA' A '3@ E1 ' I @' BGBK3' @ '3 2 ' 'EA' E2H2F' 42 '3 E1' CKFCKF ' NBKF3' 32 ' E B' ''1F2 ' ' C 'FL 2' L '3 E' 'EA' F232FHB F ' 'EA' 3' ' I @' ''SK H2F E1' A2'D' BE' I @ 4@' 3' 322E ' 4BE EK' G ' '' 3EB I G' 32C "4 F4 2' B ' C BC 2E 'FG' B 'C' FBC' @2' NF E4 N ' ' 4'34 'A2 ' '3' I 2 ' ''3' '' K KA2' B ' 3EB I "NB E 3' FBC ' 3C ' 2F' 2 3!' @2' L '3 E' B44KN 23' @2' I @B 2' LF2 'A @' B ' @2' N 'PP' ' I @2E42' 1@ 3' B '3 2N3' A2342EA' B' 3' LBFA2F!' ' LB ' ' C 1@ ' B' ' 'EA' C 'O2' C C 4' HBG '123 ' BE' @ 3' 'F 4 ' ' 'O2!

? E' @2' A'G C2' @2F2' 3' @ 'FA G' '' H2 2F' 342E2' E' BC 2' @ 'E' @2' E2 1@LBKF@BBA' B ' @2' BKE ' E' B ' F2H D' BF' @2' N 'PP'' 3' @2E' 2A' I @' 3 ' 3' B ' H212 'L 2' 'EA' FK ' A2' 2F3 ' 4@23 EK "FB '3 2F3 ' 4 1 'F'" H2EABF3 ' 'EA' B @2F' N2BN 2' I @B32' N2 G' 'EA' I 'EA2F E1' F' 4' 3' F'E3T '4 2A' E' @2 N2E' ' F!' ' 3' O2 I 32' @FBE12A' I @' A 2F3 ' BKE1 E1' BH2F' @2' FBE' F' E1 ' 'EA' I @' *! %) #% #-5 I @B' 4BC 2' @ @2F' B' 322' @2' 'CBK3' BKE ' E!' 2F2 ' ' 3B ' 'F2' C 2E' I @' LK4O2 3 ' KF4@ E3' I @'4'E3 ' 'EA' C ' A2E3' '' N 4 KF2' '3' B A' '3' @2' N' F 'F4@ ' ' C23 'L2 'F E1' @2 F' N 4@2F3' KNBE' @2 F' @2 'A3!' BF' @2' I ' 2F'B ' F2H ' 3' E' F2SK23 ' 'F' 'EA' I A2 ' '3' @2' CB3 ' F2 F23@ E1' AF'K1@ ' BF' 2H2F 3@' N3 ' @2' N 2 'T 3'E 23 ' B' C E1 2' I @' I E2 ' 'EA' @2' I @B 23BC 23 ' B' AF EO ' E' 3' E ' H2' NKF G ' @ ' ' 4'E' 'EG I @2F2' L2' BKEA!' K ' ' ' C AE 1@ ' @2' N 'PP'' 3' ''3B KA2'K' 'EA' ' 3' ''A2 1@ ' B' L2@B A' @ 3'KE ' C 2 'L 2' I ' 2F!' NBF E1' LG' 32 ' E' @2' CBBE3@ E2 ' 'EA' 4BC N2 E1' ' ' @2' 2 'LBF' 2' F H ' 23' B ''F ' B' '33KC2' '' E' KF' ' '3N24 ' E' '44BFA 'E42' I @' 3' B I E' NB I 2F K ' 3 CN 4 G!' F'A BE' 1B23 '± @' ' '' N 'F E1' AF'K1@ ' ' ' @2' BKE ' E' B ' F2H ' 2E3KF23' '' F'H2 2F03' F2 KFE' B' BC 2 ' I @' 2H2F' BLT 3 '4 23' 'EA' CNFBL 'L 23' C 'G' 322C' B' L232 '@ C !J % +#% $!

? 2' L '3"F2 2 ' N '42' 'K"A233K3' A2' 42 2' SN ' E2 ' F2NF&2E 2' '' 2KE2

2' EA SK'E ' ''3BKF42'NF24 2K32 ' 4B C C2' A'E3' ()'E SK 2'KE2'N2 E KF2' F2NF232E ' ' 2' C2C2' 2H2E2C 2E 'A'E3'KE2' 4 'N2 2'4BE3 FK 2' 'E' 2K'B ' '3()2 ' 'N'332!J% 3' !.' /#$'' !' 9 ; : !

E' @ 3' N 'PP'' 3' @2' "F' @2F' @'EA3BC2' FBE ' B ' 07 ' 7 7' ' 5 7 ' BFC2F G' '!' 'F '' E' BC 4' ' 2F24 2A' LG' 'FT A E' ' 'P'F E ' BE' @2' 3 2' B ' 'E' B A2F' 4@KF4@' LK ' LG' = 2 3'F K3% '3' 3' B A' LG' 'E' E34F N BE' 0%

?' 'E4'H F'N' F 4 K3' 2 3'F K3'KFL 3' 'C 4K3' L'4K N#'H2E 'C'4BEA A '244 23 'C! 'E4 ' A4 F4B ' N2A2 C' SK ' 3'4F' C'NBE 3' E' '2A2C' $ ' C 32F2 KF' 2K C' 3 2N2' NF24 'F2') 2K C !J

@2' 'K ' I @ 4@' 2 3'F K3' I 3@2A' B' 2MN ' 2' I '3' @2' 2M 2' B ' (BN2' G H2F K3' % & ' \7 ; ' I @B' I '3' 3 'FH2A' B' A2' @' E' @2' 3 'EA' B ' (BEP'!' @2' 4FGN ' B ' @2' NF232E ' LK A E1 ' L2 E1' @2' N'F 3@' 4@KF4@' B ' @2' >K F E' ' 4BE ' E3' @2' 2E F' 3' B ' I 2E G' NBN23' F2 C BH2A' BF' 2CL' C C2E %" FBC' M K3' !' B' (K3' !% I @B' A 2A' E' @2' >K F E' ' (' '42' X @2' 2' 4@KF4@' E2'F' @2' BNNB3 2' 4BFE2F' B ' @2' N 'PP'' 3' @' ' B ' @ ' ' 'EA' 3' 3 ' ,-< ' 3 2A' LG' @2' 2E2F'L 2') BE' * BH'EE ' 2F E ' ' @2F' * 2E2F' ' B ' @2' FA2F' B ' @2' (F24 BK3' BBA ' 'EA' @2' N2F3BE' ' F 2EA' B ' 3' BKEA2F ' * '3N'F2' A2 ' K ' B!

@2' BKE ' E' B ' F2H ' B44KN 23' BE2' 2EA' B ' @2' 1 1'E 4' ! 7#744 ' ! " ' I @ 4@' 4BE ' E3' @2' E1 3@' 4BE3K ' 2!' ' @2' B @2F' 2EA' 3' @2' 3@BN' B ' @2' 'CBK3' 2 I 2 2F ' '3 2 'E ' I 2 ' I BF @' H 3 E1 ' BF' @2' 3'O2' B ' 3' L2'K K ' 4B 24 BE' B ' FK34'E' A23 1E3 ' LB @' E' 2 I 2 2FG' 'EA' E' 'F12F' I BFO3' B ' 'F !

□

?' '3 2 'E ' 23 ' ()@B C C2' SK ' ' ' F233K34 2' ' ' L BK 2F 2' FBC ' E2!' BE' 234' 2F' 'N 332' A() E34F N BE3' 2 ' A2' L '3"F2 2 3' 'E SK23 ' ' ' 4FB F2' SK2' EBK3' 2E FBE3' A 'E3' KE' F K312!' $ E' 2K E2' C 'F4@ 'EA' 'K33 ' 2FKA ' SK2

D ' '

23' 'F4@2B B1K23' ' ' HB F' E2' 4B 24 BE' A2' L BKM' 'E4 2E3' A2' BK 23' 23' 2NBSK23 ' A2NK 3' 23' BF 1 E23' A2' ◊ FKF 2' K3SK◊'K' 3 24 2' A2' BE3 'E E!' ◊23 ' '' 3BKF42' B ' '3 2 'E\' NK 32' 23' 2 2C 2E 3' A◊KE' 'F ' EBKH2' K' SK ' A2 FBE2F'' 'H'E ' A M' 'E3' '' N'4B 2' AK' (' ' 3" BG' !J % 3!+-' ! /% ! % *! # %

/'/! ◊23 '2E'3◊ E3N F'E 'A23' N' E F23' F2 FBKH22VA 'E3' 23' BC L23' A2' ◊ CF 2 ' A23' LF' 42 2 3' 2 ' A23' 4B 2F3' ABE ' 32' N 'F' 2E ' 23' 2C C 23' 2 FK3SK23' 2 ' 3 'L E23 ' SK2' !' '3 2 'E ' 1K A2' N 'F' 2' 1BK ' 3 'H 'E ' 2 ' E12E 2KM' A◊KE' @BC C 2' SK ' NBF 2' A 1E2C 2E ' ◊ 'E4 2E' EBC ' A2' * ' 2 'E ' '' E FBAK 'A' V' '' L BK 2F 2' KE' 3 G 2' ' '' B 3' 4 '33 SK2' 2 ' EBKH2 'K!' ('FC ' 23' 'F 3 23' 23' N K3' BF 1 E 'KM' A2' BC 2' 3BE ' 42F ' E2C 2E ' 23' BF 2HF23' '3 2 'E ' 2 ') !' 1K2 2' * ' 2 'E ' AK2' A2' 2FC BE2 '!J % / 4# %-' #) ' ! / ' !' 7, ,!

@2' ! 7#744 ' 7 7' BE' 2 ' B ' @2' BF3B ' LK ' E' ;<7 LG' 'L '44B ' 4BE ' E3' '' 1' 2FG' B ' N 4 KF23 ' 3@B I E' BE' ' KFT A 'G3' FBC' < B' 7!' @2' 3 M' 42 2LF' 2A' 12C3' B ' @ 3' 1' 2FG' 'F2' C 'F02A' I @' 'E' '3 2F 30' 2' C 'G' EB 42' 0%

*60'

\!') 2' @' B ' !' UB@E' 'N 3 ◊ &% #

7!' B G' 'C G' ◊ & E#!$% ' ' ' / !&

\!' BE' 2' F K C N@' E ◊ &% /

9<!' 'ABEE'' ◊ # # ;#

97!' '!' F' E4234'' BC 'E'' ◊ &!' % %'# !

$' !%

-!' 1@ ' E B' 1GN ◊ & + %' ! #

' KE32 ' & + %' ! #

- $'

;!' B G' 'C G' ◊ $#

8!' B 'F' KE ◊ !* &!

E !' B G' ◊' C G' ◊ % ' %&' !

-!' ' BEO' 2A' LG' 'E' E12 ' B' @2' 2 'H2E G' N@2F23' ◊ + % '#!' % #

9;!' @2' 23 ' ' 'KA ''AF' I E1' ''LB' ' I @' @2' 3 ' K2' B ' 2F23' KN' @2' L2F' ◊ !* &!'

98!' 'H2FE' 42E2' ◊ % #%)

77!' @2' BC 'F E'' ◊ !45' ! *' 4. %&' 35' <#+&#!' ! / !

7;!' B G' 'C G' I @' E12 3' ◊ +$)' / $.-' \<:!

EE '

' 3 ,

!' B G' 'C G'Ø ' " !&!/%!

? @2'1 B I' 'EA' F23@E233' B '4B BKF E1' E' @ 3' 'AC F'L 2'N' E E1' @2' 3B E233' B ' @2' 3O E ' @2' L2 'K G' 'EA'3 I 22 E233' B ' @2' 2MNF233 BE ' @2' BBO' I @' I @ 4@' @2' CB @2F{3' 2G23' 'F2' L2E ' KNBE' @2' L 'LG' 3@2' @B A3' E' @2F' 'FC3 ' 'EA' @2' EEB42E ' BEAE233' I @' I @ 4@' @2' B @2F' 4@ A' 1'P23' KN' E' @2F' '42 ' 'F2' I BF @G' B ' @2' N ' E 2F' I @B32' I BFO3' 'N@ '2 'A2 1@ 2A' B' 3 KAG ' 'EA' FBC' I @ 4@ ' E' ''1F2 ' ' C 2 '3KF2 '@2' BFC 2A' @ 3' NF E4 N 23' B '4B BKF E1!J% ! D)' ! / %

\!' !' UB@E' @2' H 'E12 3 Ø <+% $# !

;!' @2' B E' ('G2F' EAF2 ' ' 'FBE2'R Ø' 4. %&

?' @2' B E' ('G2F' 3' '' GBK @' @B A E1' @2' LB I 'B ' '' H B E' 'EA' '' 'KF2 ' I F2 ' @' E' @ 3' @ 'EA ' 'EA' BBO E1' ' ' @2' 3N24 ' BF3' BH2F' @ 3' 3@BK A2F!' @2' 2MNF233 BE' B ' @ 3' 4BKE 2E' E42' 3' 32E3 L 2' 'EA' A24 A2A ' 'EA' L2 BO2E3' ''4@ 'F' 4 2F' ' H2' B' @2' CNF233 BE3' B '32E32 ' G2 ' 32H2F2! @2' 2M24K BE' 3' 2M42 2E % E34F L2A' I @' @2' A ' 2' \' !J% +,&% -

-!' !' 'FOØ' <+% $# !

,!') 'K1@ 2F' B ' 2FBA '3' Ø < % $# !

9!' BE K1' ' BH2' Ø ,!) # !' $$#

;!' @2' * ' C L 2F3' Ø 0 , ,#!-

?' @ 3' 3' '' C '3 2FN 242' B ' @2' N ' E 2F!' '3@ 'FN2F' 3' N 'G E1' ' '4 'FA3' I @' '' GBK @' B ' 'C G' 'EA' BF KE2 ' I @BC' @ 3' 4BE 2A2F' 2 ' I @ 2' NF2T 2EA E1' B' L2' BBO E1' BE ' 3' '33 3 E1' B' 4@2' !' @2' 3KL 24 ' I 'F2C EA' GBK' B ' @2' 2C 3@' 4@BB 'LK ' @ 3' N ' E E1' L2 'F3' EB' F232 C L 'E42' B' !' 2F2' 3' EB' 'F42 ' EB' 4 'F 4 ' KF2!' @ 'F' 4 2F' I ' 3' E2H2F' C BF2' 3 FBE1 G' C 'FO2A ' EBF' '' ' 2' C BF2' E C 'L G' B A!' ' 3' 2' 32 ' 'EA' GBK' ' CB3 ' BF12 ' ' 3' '' N 4 KF2 ' 'EA' 2MN24 ' B' 322' @2' 1 ' C 2' 1B' BE!' @2' 4B BKF E1' 3' L2GBEA' ' 'NF' 32!' J% !)' !8 %-

;' BA23 G' 'EA' 'E G' ' %! !' ' # $#

? E2' B ' 2BE 'FAB{3' CB3 ' L2 'K K ' N 4 KF23' 3' E' BC2 ' E' @2' 4 'FF' ' (' '42% I B' 2C ' 2' @ ' " 1KF23' B ' BA23 G' EA' 'E G!' @2' BFC 2F' I @' '' H2 ' BH2F' @2F' @2 'A ' 3' '' N 'F 4K 'F G' N 2 '3 E1 ' EBL 2' NFB 2 ' I @' '' 4 2 'F ' BN2E' 2MNF233 BE' Ø 3@2' L24OBE3' B' @2F' 3 3 2F ' I @B' 3 'EA3' FBE E1' @2' 3N24 ' BF ' L2 'K K G' 'FF' G2A ' 'EA' I @' '' 3 I 22 ' 32AK4 E1' 3C 2!' @ 3' N 4 KF2' 3' F2C ' 4 'L G' NB I 2F K ' E' 4B BKF E1 ' 'EA' I BEA2F K G' E 3@2A ' LK 'KE BF KE ' 2 G' @ '3' L24BC 2' F' @2F' A 'FO' E' @2' 3@ 'AB I 3!' J% +,&%

, ‘ ‘ /

8!‘ ‘1A‘ 2E0 6#15‘ !$
9:!‘ ‘C G‘(BF F‘ 0‘ # $
9\!‘ (BF F‘ 0 2
9;!‘ !‘ 2L‘3 ‘E‘0 ! $&$
98!‘ 2 ‘‘)BEE‘‘0 # $‘

BC2 C23‘3KNNB32A‘ B‘F2NF232E‘)BEE‘‘ ‘KF‘‘ K3‘4@ B‘ @2‘N2‘3‘E‘)K4@233‘B N@BE3B !‘B‘ 2FF‘F‘!
?‘ @‘E‘ ‘E‘NF‘ E BF2‘ BBO‘‘‘‘‘@KC‘E‘L2 E1‘ @2G‘322‘‘‘‘‘ 1‘E42‘ @2‘I@B 2‘B‘ 3‘E‘ KF2‘BK 3 A2‘EA‘ E0‘‘ ‘ @‘‘ ‘@‘3‘B‘BFC‘ B‘4B BKF‘B‘N‘33 BE‘BF‘B‘ @BK1@ 0‘3‘E E233‘ ‘EA‘ BH2 E233‘0‘ 23@G‘ NB I 2F‘‘‘EA‘3N F K‘‘NB I 2F0‘ 1F‘42‘ BF‘3 F2E1 @‘ BF‘ 3B E233‘ BF‘I F‘ 3B‘‘ 2H2F‘ B @2F‘ SK‘ G‘ @B32‘ C 2E‘ I ‘322‘ B‘ @2‘ K ‘‘EA‘3B‘N‘E ‘ @‘‘ I @2E‘E‘FFB I 2F‘N2BN 2‘4BC 2‘ B‘ BBO‘‘‘I @‘‘ @2G‘ @‘H2‘ ABE2‘2H2FG‘BE2‘ C‘G‘ ‘@2‘4@BB323‘ EA‘@3‘BIE‘3N24‘‘N 2‘3KF2‘ E‘ @2‘I BFO!‘ @2‘ 32E3K‘ 3‘I‘‘ EA‘32E3K‘ G‘ E‘ ‘E‘0‘ @2‘ @ EO2F‘I ‘ EA‘ @BK1@ 0 @2‘3‘E ‘3‘E4 G0‘ @2‘4B BKF 3 ‘4B BKF0‘ @2‘‘E‘ BC 3 ‘ BFC0‘‘EA‘G2‘ @2‘N 4 KF2‘I ‘E2H2F‘L2‘‘‘NBNK ‘F‘BE2‘ E‘ @2‘ K ‘ 32E32‘ BF‘EBE2‘B‘ @232‘E‘FFB I 2F‘N2BN 2‘I ‘ EA‘ @2 F‘3N24‘‘‘3 2‘3B‘‘BE2‘4BE3K 2A‘‘3‘ @‘‘@2‘SK‘ 23‘I@4@‘I BK A‘2E3KF2‘ @2 F‘1F‘ 4‘ BE‘3@‘‘L2‘3 2A‘ BF‘ 2N‘F‘ 2A‘ FBC‘B @2F3‘0‘ @2G‘‘F2‘4@2402A‘ LG‘ @2‘NF232E42‘B‘@2‘B @2F SK‘ 23‘I@4@‘2E3KF2‘ @2‘1F‘ 4‘ BE‘B ‘B @2F‘C 2E!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! E G @2F2‘ 3‘‘‘3 F‘E12‘KEA2F4KFF2E‘B ‘2H2F ‘3 E1‘CKFCKF‘‘LBK ‘@2‘E‘C2‘B‘ ‘E‘I@4@‘C2‘E3‘ @2‘A22N‘4BE32E‘B‘‘ ‘1F2‘‘C2E‘ @‘‘@2‘ 3‘1F2‘ 2F‘ @‘E‘ @2G‘J% 1 $7‘ + ‘ #%.‘ !-#‘9!

7 !‘)2 ‘B‘@2‘ F1 E0‘ "!# 1!
79!‘ ‘AA‘ 2E‘‘A2 ‘‘ ‘A 42‘0 615‘ !$‘J

?‘ @2‘ I B‘ ‘1A‘ 2E3‘LG‘*K AB‘‘F2‘‘CB3‘AKN 4‘ 23‘‘EA‘G2‘BE2‘ 3‘E4BCN‘F‘L G‘3KN2F BF‘ B‘ @2‘B @2F!‘ @2‘ 3‘F24 E E1‘ BE‘‘‘FB4O‘‘EA‘ @2F‘ 2‘F K‘‘EA‘KN 2A‘2G23‘ @2‘I@B 2‘B‘@2F‘4BKE 2E‘E42‘‘EA‘‘ KA2‘ 3N2‘O‘ @2‘ BH2F I@2 C E1‘3BFFB I‘ @‘‘N2E2 F‘ 23‘@2F‘3BK !‘ 2F‘ ‘42‘ C 1@‘4@‘FC‘ @2‘ @2‘F‘B‘‘‘3 B 40‘ EA‘ @2‘ 4BE F‘3‘B‘@2F‘GBK @‘‘EA‘ 2E4@‘E E1‘ BH2 E233‘I @‘ @2‘‘L‘EABEC 2E‘B‘1F 2 ‘ @2‘F23 1E‘ BE‘B‘ ‘ ‘2‘F @ G‘ @BN2‘‘EA‘ @2‘2E F2‘A2HB BE‘B‘@2F32 ‘ B‘N2E 2E42‘‘EA‘ @2‘H2E‘3‘CB3‘‘ 24 E1!J% / # $7‘ 3!

2‘F‘ @2‘ (‘PP‘‘ 4‘FF‘ @2‘ BF3B‘ ‘3‘ ‘‘ ‘C E‘‘ I‘3‘ BFC2F G‘3N‘EE2A‘LG‘ @2‘ F4@‘B‘ ‘KA K3‘F2CBH2A‘ E‘ \9-!‘ BC2‘ F2 2 3‘ FBC‘ @ 3‘ ‘F4@ ‘F2‘ NF232FH2A‘ E‘ @2

NBF 4B B @2 BF1@232 @BK1@ CK4@ CK 2A EA B E2 IBFOC E3@ N! @2 E34F N BE I@4@ 4BCT C2CBF 2A @2 2F24 BE B @2 F4@ E @BEBKF B @2 4BE SK23 B F E 3 NF232FH2A E @2 4BKF G FA B @2 FL2F E (42!

E @2 F 1@ B @2 (PP 4 FF A2 F H =BE E E1 @2 3C LK NBNK F @8 @ 0@ 7 75 07 ; K32A BF @2 N24K F F2 1 BK3 2M2F4 323 B @2 U23K 3 23N2T 4 G BF @2 F 2FF L 2 2E 2E ? 12 BE. 32FH 42 I@4@ F2 BE2 B @2 CB3 2M F BFA E FG 3 1@ 3 BFA2A LG @B 4 BC2!

? @2 42F2C BEG B N BK3 I@ NN E13 BE2 B @2 N2E E423 B @2 4BET H2E 3 3 O23 N 42 @2 C2 B H23N2F3 E @2 BF BFG B @2 (AF2 F H EA E EB @2F 4@KF4@ E [C2! 3 NF242A2A LG 3@BF 2M@BF BE AKF E1 HW@ 4@ L2 F E13 EA I@N3 @ 3 3 F E13 B OEB 2A I@N4BFA F2 A 3 F LK 2A SK 2 G C BE13 3K4@ B @2 KA 2E42 3 F2 BE @2 F OE223 E @2 E H2! E 324BEA L2 @2 4 EA 23 F2 2M 1K 3@2A% BKA HB 42 33K23 FBC @2 F I@4@ NBKF3 BF @ E 2M@BF BE B @ EO B KE4BE 2332A BF KEF2N2E 2A BF KE BF1 H2E 4F C23! @ 3 4BE EK23 3K 4 2E C2 B I @2 OE22 2F3 B 3 F N B @2 F KNN2F 1 FC 2E 3 @2 BE2 B @2 NF2 4@2F 3 F 32A C BF2 BKA G 2 4@ I BFA EA @2 H2@2C 2E G2M@BF 3 @ 3 @2 F2F3 B F24B 24 @ F 3 EA @2 C F GF3 3K 2F2A C K4@ C BF2 @ E I@NN E1! F @B I @2E GBKF N2E 2E42% 3@B I GBKF 32E32 B @F 3 3 3 4F 42% 3@B I I @ @2 I@N! @2 12 BE L21 E3! @2 A FOE233 @2 KCK KBK3 3BKEA B L B I 3 E 2H2FG A F24 BE% F 2332A F1 E FG NF G BF K3 LKF3 E1 BK E 2FH 3 % @2 N2F3K 3 BE @ GBK F2 3KFFBKEA2A LG FB4 BK3 4K NF 3 EA C E 43 I@B OEB I B E L3B K BE BF 2H2FG 4F C2% 3B F FBC 2M4 E1 3C 2 M23 GBK B @2 3NB E F E42 B F23 233 @BFFBF NFBT BE12A L2GBEA L2 F E1! @2 34BKF1 E1 4BE EK23 2E BF 22E C EK 23 > (5 1&%# $

? 4@ C E BE 2E 2F E1 @2 4@KF4@ I 3 3KNN 2A I @ 34BKF12! 2F 3@BF E 2FH @2 ABBF3 I 2F2 L FF2A @2 1@ 3 2M E1K 3@2A EA FBC NF G E1 @2 4BE1F21 BE NF 022A2A B 1FB E E1 4FG E1 EA E G L2 E1 I BFO2A KN E B O EA B 243 4 KFG NN 2A @2 34BKF12

B 4 2A FBC @2 U23K @2F B @ E C2 I@B H2A E @2 - @ 42E KFG!

3

B' @2 F' KE4BH2F2A' 3@SK A2F3' @BK ' C 2F4G!J % .# %)# %?)' &5'# ' .% =&# # %% .' % + 5

2GBEA' @2' 'F'H '' 3' @2' @8 @' ' ' % 74 ' LK ' LG' 'FA E' ' KABH 3 !' @2' '1'A2 ' B ' ; , \ ' 3' LG' 1'FA !' ' 4BE ' E3' @2' BCL' B ' *F21BFG' 5 !' 4B B' BEAF' ' \8<"8 ' 'EA' @' ' B ' !' KABH 4B' *BEP'1' ' LB @' 34K NT KF2A' LG' ' G 6 ' ;

? E' !' 1E'P B' 3' @2'4@'N2 'B ' 'E' K 1 ' *BEP'1' ' BE' I @BC'EB ' '' 2 I ' B ' @2'GBKE1' BC 'E'A' C 32 3' BBO' I @' 3BC 2 @ E1' B ' @2' 3 ' C 2'0 EA' B ' 'AC F' BE' '3' A A' G 2' BE' NB B ' I @BC' @2' 'EA' !' 2L'3 'E' @B32' I B' GBKE1 ' L2'K K ' 1F'42 K ' 3 ' E 3 ' H2FG' ' F G' F2NF232E ' E' @F 3 'E' C G @B B1G!' 3' 23 '' ' 3' E' UKE2 ' 'EA' @2E' @ 3' ' 'F' 3' 2C LB3BC 2A' E' B I 2F3 ' 'FF'E12A' I @' 2MSK 3 2' '3 2 ' 'EA' '' N 2' B ' 2 2F3' C 'G' L2' 322E' ' ' 3' BB ' IF 2E' B' @2' 3 ' E ' LG' GBKE1' C 2E' 'EA' C ' A2E3 ' 'EA' A F24 2A' B' ('F'A 3B!' @2G' 'F2' 3KNNB32A' B' L2' LKFE ' KEF2 ' A ' 2M42N ' LG' 'E' K 1 ' I @B' CK3 ' EA' 3 E1K 'F' N2 BE3' E' @232' NF2 G' 2' C 33 H23 ' 2A' KN' EB I ' I @' '' 1F22E' F LLBE ' 2MNF233 H2' B ' @BN2 ' EB I ' I @' '' F2A' BE2 ' 2CL 2C ' 4' B ' BH2 ' BF' I @ ' 2H2F' B @2F' 3 1E 4 'E ' 4B BKF' @2' I F 2F' C 'G' NF2 2F!J % % / !#)%&&%' ! #

@2' F234B23' BE' @2' FBB ' 'EA' F LKE2' 'F2' LG' @2' ('AF2' (BPP !'

?' C A' @2' C 'EG' A 3 E1K 3@2A' C 2E' I @BC ' @2' U23K 3' 32E ' BF @' B' 2H2FG' F21 BE' B ' @2' I BF A ' '4'EEB 'F24B 24 ' @2' E ' C 2' B ' '' 3 E1 2' 'F 3 ' KE 233' 'L2' @2' ' @2F' (BPP ' F2EB I E2A' BF' @ 3' 3O ' E' N2F3N24 H2 ' 'EA' I @B' K32A' @ 3' 3O ' 233' '3' 'E' 'F 3 ' @ 'E' '' 4BE KFBF ' B' NFBAK42' 3K4@' K3 BE3' ' ' C 'O2' @2' HK 1 'F' 3 'F2'0% B' C 'O2' @2' C N ' N ' L 2' B' @2' 1F' 3N' 'NN2 'F' '3' N ' N ' L 2' B' @2'H 3 BE0' @2'E2 'F' 322C ' A 3 'E ' @2' A 3 'E 'E2 'F0' @2' KEF2 ' ' F2 ' 0' B' 4@2 ' ' @2' 2G2' 0' B' A ' PP 2' @2' 32E320% ' ' @ 3' @ ' 3' ' @2F' (BPP ' C B3 ' 4KEE E1 G' ' 4@ 2H2A' E' @2' * 23K ' 'EA' @2' 'E 0' 1E 'P B' ' ' BC 2' 0' LK ' EB @ E1' C BF2 ' 'EA' EB @ E1' L2 2F' @ 'E' @ 3!' ' I 2 ' F 2A' B ' @ 3' ' 'F"N 2423' 'EA' B ' @ 3' I BEA2F K ' FBB 3' I @ 4@' NF2 2EA' B' L2' EB' FBB 3' ' '' !' 4@2C 2 ' F$ 03 ' 'EA' A242N BE3' E' ' F ' 3@BK A' ' ' L2' O2N ' BF' @2' @2' F2!' ''NN2 'F2A' B' C 2' @B @ E1' 233' @ 'E' NFB 'E2' B' E FBAK42'). / ' E B' @2' 2CN 23' B ' * BA!' = /%)!

Eˢ @2ᶻ 2 ˢ B ˢ @2ᶻ BF3B% BNN4 2ˢ @2ᶻ @'EA3BC2ᶻ (' 'PPBˢ CBE2 % 3ᶻ @2ᶻ @8 @ˢ ˢ ˢ 7 ##ˢ (BN2ˢ 7<,"<ˢ 4BE ' E E1ˢ 3BC2ᶻ E 2F23 E1ˢ CBA2FEˢ CBEKC2E 3!ᶠ CBE1ˢ @2Cˢ 'F2ᶻ @B32ᶻ Bˢ (2FF2ᶻ * 23ˢ @2ᶻ F'H2 2Fᶻ BL!ᶠ \\\ ˢ 'EAˢ Bˢ @2ᶻ E1 3@ˢ 'FA E'ˢ 2 A!ᶠ 2F2ˢ ' 3Bˢ 'FA E'ˢ *BEᴵᵠ 3' Hˢ @2ᶻ 'CBK3ᶻ 'EAˢ L2F'ˢ C E 3 2Fᶻ Bˢ (K3ᶻ !ˢ 3ᶻ LKF 2Aˢ ˢ @2ᶻ 3'C2ᶻ BCLˢ I @ˢ @ 3ᶻ L2 BH2Aˢ GBKE12Fᶻ LFB @2Fˢ @2ᶻ 'F4@232ᶻ EAF2'ˢ *BE3' H!ᶠ @2 Fᶻ CBEKC2E ˢ LGˢ E' A ˢ 2 3ᶻ @' ˢ@2F2ᶻ F2NB32ᶻ @2ᶻ LBA 23ᶻ B ˢ IBˢ LFB @2F3%

?' > K '4KC'3 E1K 'F' 'CBF2'AKC'H H2L'E '
2' CK K ' A 2M 332E '
BFNBF'' 2 'C'3K''
$E''2'A2CSK2'KC''4BEA'HB K2F2!J

2F2ˢ 'F2ᶻ @2ᶻ C'3 2FN 2423ᶻ I 4@ˢ C'A2ᶻ @2ᶻ F2NK ' BEˢ Bˢ (2F EBˢ A2ˢ '1''ˢ \< " \:- !ᶠ Eˢ @2ᶻ 4@'N2ˢ B ˢ @2ᶻ F1 Eˢ 'F2ᶻ @2ᶻ 4@2CL3ˢ I@B32ᶻ 1F'42 Kˢ CBH2C2E 3ᶻ 'EAˢ 2MSK 3 2ᶻ 23@" E 3ᶻ '3'Fˢ A24 'F23ᶻ Bˢ @'H2ᶻ L22Eˢ KE3KFT N'332Aˢ LGˢ 'EGˢ 'F 3ˢ Eˢ F234B!ᶠ Eˢ @2ᶻ 4@'N2ˢ B ˢ @2ᶻ FK4 Mˢ 3ᶻ @2ᶻ F2' BEˢ B ˢ H2ˢ I@ 4@ˢ 3ᶻ 2H2Eˢ CBF2ᶻ L2'K K!

?' @2'N2F 24 G'L2'K K' 1KF2'B ' @2'E'O2A' A'C' 3ᶻ 322E' G E1' BH2FNB I 2F2A'LG'3 22N'I@ 2ᶻ H2' 2A'I @ˢ 2''EAˢ I @ˢ B A2A'@'EA3' F 323ᶻ B'F242 H2ᶻ @2'L 233 E1ᶻ B '@2Fˢ 'O2F % ''CB3'1F'EAˢ 'EAˢ 3B 2CE' 1KF2'3 'EA E1ᶻ2F24 ' E'@2'HG'AF'N2FG!J% 9 .ᶠ H!

@ 3ᶻ 4@KF4@ˢ 3ᶻ 3'Aˢ Bˢ B44KNGˢ @2ᶻ 3 2ᶻ Bˢ ''ˢ @BK32ᶻ Bˢ @2ᶻ @F 3 'Eˢ C'FBEˢ K4 E'ˢ Eˢ I@ 4@ˢ 'F42 K3ᶻ A 2Aˢ Bˢ IBKEA3ᶻ E4KFF2Aˢ Eˢ' 2CN E1ᶻ Bˢ32 2ᶻ''SK'FF2'' CBE1ˢ@ 3ᶻ @F 3 'Eˢ B BI2F3!ᶠ ˢ I'3ᶻ Eˢ FSEˢ Bˢ ˢ @'ˢ @2ᶻ LBAGˢ Bˢ @2ᶻ F LKE2ᶻ 2EPˢ ' 2Fᶻ @ 3ᶻ CKFA2Fᶻ BEˢ @2ᶻ 'N Bˢ 3 2N3ˢ I'3ᶻ @KE1ᶻ KNˢ LGˢ @2ᶻ 22ˢ BFᶻ IBˢ A'G3ᶻ '3ᶻ ''ˢ C'FOᶻ BFᶻ @2ᶻ F'LL 2ᶻ Bˢ @FB Iˢ 3 BE23ᶻ ' !

@2' E2M ' 3 F22 ' B' @2'f 1@' 2'A3' B' @2' # % 7' 7 ' BKEA2A' LG' !' F'E4 3' BF1 ' ') KO2' B ' * 'EA '' '' A2342ET A'E ' B ' (BN2' 2M'EA2F' ! ' I@B ' ' 2F' '' GBK @' 3N2E ' 'C A' @2' 3N 2EABKF3' B ' @2' 4BKF 'B ' 'AF A ' F2 F2A' B' BC2' E' \\< ' E' @2' C2' B 'UK K3' !' 'EA' L24 ' C 2' @2' 3K44233BF' B ' 1E' K3' BGB '' '3' 12E2F' ' B ' @2' U23K 3!' @2' LK A E13' I 2F2' 2F24 2A' '3' I 2' EB I ' 322' @2C ' LG' CC 'E' ' E' \,9 ' BF' * F21BFG' 5 !' @2' 4B 212' 3' 2E F2 G' KEA2F' @2' 3KN2FT E 2EA2E42' B ' @2' U23K 3!' @2' LF'FG' 3' 'F12' 'EA' H' K'L 2!' @2' @ 7 ' 86 8 ' 3@BIE' B' 12E 2C2E' FBC' 2E' B' 2 2H2E' BE' KEA'G3 ' 3' I BF @' H 3 E1!' ' 4BE ' E3' '' EKCL2F' B ' 'E SK 23' K3 F' H2' B ' BC 'E' 'EA' FK34 'E' 4K3 BC3' 'EA' C 'EG' L2 'K K ' 'E4 2E ' LFBEP23' 'EA' H'323!' @2' CB3 ' CNBF 'E ' BL 24 ' 3' @2' ?' 3 '' 3 4' J' '' LFBEP2' H'32' 'EA' 4BH2F ' I @ 4@' I '3' 1 H2E' '3' '' NF P2' B' 3K44233 K ' 1 'A ' BF3 ' 'EA' I @ 4@' I '3' BF 1 E' G' 2A' KN' I @' 2H2FG @ E1' K32 K ' B' @2 F' NFB 233 BE!

@2' I6 570 3' B ' @2' B 21 B' BC 'EB' @'3' BL ' E2A' '' KFBN2 'E' F2NK ' BE' FBC' @2' CNBF 'E ' '3 FBEBC 4' ' F2T 32 'F4@23' B 4 3' A F24 BF ' @2' ('AF2' 244@ !

@2' B 21 B' BC 'EB' @'3' NFBAK42A' 2 1@ ' NBN23% $FL'E' ! ' EEB42E ' 5!' 2C2E ' 5!' 2C2E ' 5!' EEB42E ' 5 !' 2C2E ' 5 !' EEB42E ' 5 !' 'EA' 2C2E ' 5 !' CBE1' 3' B @2F' NKN 3' @' H2' L22E' !' 'C B' A2' 2 3' @2' 2332A' 2BE'FAB' A ' (BF B" 'KF P B ' @2' 2E2F'L 2' (2 FB' 2FE' ' 'EA' B @2F3!

'?' 1E'42' F'E B 3' BF1 ' ' BE 'N'332' N 'F' A!' 2KF' 3BKH2E F' N 'E2' 4B C C 2' KE' 2E4BKF'12C 2E '2 'KE2' L2E2A 4 BE ' 3KF' 423' 3' 23' B ' 3' NF2'" 3 A2F2E ' 'KM' AKA23 ' 3KF' 423' 4@' F23' B ' N2K "2 F2' F2 2E ' 2KF' N 'FB 2 ' 3KF' 423' C BA23 23' 42 K 23' SK() 3' BER' @' L 223!' ' '' E' AK' 32 P 2C2' 3 A 2 ' 23' 2 2H23' AK' 4B 212' BC ' E' N2FA F2E ' KE' A2' 2KF3' 4BEA 34 N 23' SK2' 3 '' ABK42' ' C 2E 2' 2 ' 323' H2F K3' 'E12 SK23' H' 2E ' F2EAK' ()BL 2 ' A()KE

' %9' 9 ' ' ;7

' 24 K2KM' F23N24 !' 2' 2KE2' @BC C2' ^H' '2 2'N'12' A2' (@ NN2' !' ' '2 ' '' 2' 'KM' C ' 3BE3' FBG ' 23' A K F 4@2 ' A2' BKFLBE' 2 ' A2' BFF ' E2!' ' 3' 'K' C 2K' A2' 423' K3 BE3' A KE2' 1F'EA2' H 2 ' 3BK3' 42' LF 'E ' 4B3 KC 2' A2' 4BKF' SK ' 32C L ' ' K ' NFBC 2 F2' @BEE2KF3' 2 ' BF KE2 ' ' E2' HBG ' ' 'C ' 3' SK2' '' N 2K32' 1KF2' A2' 3'' C F2' '12EBK 2' 'K' N 2A' A23' 'K 2 3 ' 2 ' NF 'E ' NBKF' K !' ' N2 E2' '12' A2' 32 P2' 'E3 ' '3 @ 'NN2' A2' U 'AF A ' ' H 2E ' F'NN2F' '' '' NBF 2' AK' 4B 212' BC ' E ' 2 ' A2C 'EA2' N '42 ' 'K' ABF B F' 2 ' O' 2 KA2 ' NBKF' BK 3' * BEP' 1K2 ' 3' AK' 4BC 2' A2' _U'3 1 BE2!' (2EA' E ' 32N ' ''E3 ' BK 3' ABEE'' A'E3' 42 2' C ' 3BE' 2' BK4@ 'E ' 2M2C N 2' A KE2' H 2' 42 23 2' NK 3' 323' BKF3' 5!-" $%3#: 4BC C2' N'F 2' 4F KF2D' ' 'H' ' '332P' ('6 # $! !.' 3!' % !$$!. !' 9 !

2' EB I' F2'4@' BE' F 1@ ' @2' @8 @' ' 07' 7 7' ') 7' 707' I @ 4@' I '3' BKEA2A' LG' 2F1 K3' !' E' @2' 2 1@ @' 42E FG' LK ' I 42' F2LK ' @2' 324BEA' C2' KEA2F' 2M'EA2F' !' E' ;;9' I@2E' @2' '1'A2+I '3' 'AA2A' LG' (2 FB' A'' BF BE'!

E' @ 3' 4@KF4@' ?' @2G' 3 '3@B I'' ' 2' 4@'N2 ' E' I @ 4@' ''3'@' @' L22E' @'EA2A' AB I E' FBC' @2' F3' ''123 ' !' KO2' @2' H'E12 3 ' I FB 2 ' 'EA' N' E 2A' @2' 2 1G'B ' @2' F1 E' B @2F'B ' * BA >(!!'453! ' - !5 #.' N!' \\!

@2' 3KL 2FF'E2 'E' 4@KF4@' 3' 3@B I E' '3' @2' '4 K' ' @BK32' E' I @ 4@' !' ('K ' BA12A' I @2E' @2' I '3' E' BC2!

?' EA' I @2E' I 2' 4 ' C 2' B' BC 2 ' @2' 42E KF BE' A2 H2F2A' @2' NF 3BE2F3' B' @2' 4 'N ' E' B ' @2' 1K' FA' LK ' (' K ' I '3' 3K 2F2A' B' A I 2 ' LG' @ C32 ' I @' ''3B A 2F' @' 'O2N ' @ C!J

?' EA' I @2E' @2G' @ 'A' ' NNB E 2A' @ C' ''A 'G ' @2F2' 4 ' C 2' C 'EG' B' @ C' E B' @ 3' BA1 E1' B' I @BC' @2' 2MNBKEA2A' 'EA' 23 2A' @2' O E1ABC' B ' * BA ' N2F3K' A E1' @2C' 4BE42FE E1'U23K3 ' LB @' BK 'B ' @2' ' I' B ' B323' 'EA' BK 'B ' @2' NFBN@2 3 ' FBC' C BFE E1' ' 2H2E E1!J' ! ! ! !

?' EA' ('K ' A I 2 ' I B' I @B 2' G2 'F3' E' @ 3' B I E' @ F2A' @BK32 ' 'EA' F242 H2A' ' ' ' ' 4' C 2' E' KE B' @ C ' "2 '4@ E1' @2' O E1ABC' B ' * BA ' 'EA' 2 '4@ E1' @B32' @ E13' I 4@' 4BE42FE' @2' BFA' U23K3' @F 3 ' I @' ' '4BE A2E42 ' EB' C 'E' BFL AA E1'@ C !J% 4 3' M!MH !' ;' 97' 7< ' 7 !

H’ !’ (’K’’ 2F’@ 3’’FF H’’’’ BC2’@’H E1’C’A2’@ 3’K3K’’2 BF ’ E’ @2’ F3’N ’42’ BF’ @2’3’ H’ BE’B ’@ 3’ B I E’ 4BKE FGC2E’’EA’ ’3’ K3K’ ’ @’H E1’ BKEA’ ’ H’ E’ KFE2A’ B’ @2’ *2E 23’ ’EA’ AKF E1’ I B’I@B 2’ G2’F3’ E’I@ 4@’@2’I ’3’’’NF 3BE2F’F242 H2A’’ ’ @’’’4’C 2’ B’@ C’NF2’4@T E1’ @2’ O E1ABC’ B ’ *BA!’ ’ I ’3’ @K3’ @’’ *BA’ BH2FFK 2A’@ 3’ CT NF 3BEC 2E’ BF’ @2’ KF @2F’E42’ B ’ @2’ 1B3N2 ’ 3B’ @’’@ 3’ LBEA3’ E’ @F 3 ’ I 2F2’ C’E 23’ E’ @2’ N’ ’42’ ’EA’ E’ ’ ’ B @2F’ N ’423’ ’EA’ C’EG’ B ’ @2’ LF2 @F2E’ E’ @2’ BFA’ I ’M E1’ 4BE A2E’ LG’ @ 3’ LBEA3’ ZH;F2’ CK4@’ CBF2’ LB A’ B’ 3N2’O’ @2’ I BFA’ I @BK ’ 2’F!’ H2E’ ’ @2’N’ ’42’B ’ 2FB ’ @2’ CB3 ’ EBM BK3’ ’ CB3N@2F2 ’ ’3’ I 2’3@BK A’@’H2’ BE4 KA2A ’ BF’ @2’ 1FB I @’ B ’A H E2’ FK @’ @ 3’ LBEA3’ I 2F2’ C’E 23 ’ @2’ BFA’U23K3’ I ’3’NF2’4@2A ’ ’EA’ CBF2’ @’E’ @ 3’ I ’3’F242 H2A’ B’ @2’ 3’H E1’ B ’ C’EG’ 3BK 3’ BF’ I 2’ EA’ @2’ NB3 2’ I ’ E1’ B’@ 3’ (@ T NN ’E’ 4BEH2F 3 ’ ’ @2’ 3’ E 3’ 3’ K 2’ GBK ’ 4@ 2 G’ @2G’ I@ 4@’ ’F2’ B ’ 23’F 3’ @BK32@B A!’ @2’ I@B 2’ @KF4@’ B ’ @F 3 ’ @’3’ ’LKEA’E ’ F2’3BE’ B’L 233’ *BA’ BF’ @2’A 3N2E3’ BE’I@ 4@’AKF E1’ @2’ CB3’C’ KF2A’ N2F BA’B ’ !’ ’K 3’ @F 3 ’E’ 2’A2 ’ E2A’@ C’’’4 B32’NF 3BE2F’ E’ @2’ CN2F ’’4 G!’ ’A’@2’ B’ @^’2EA’B ’@ 3’ 4BKF32’L22E’’’ ’F12’B44KT N 2A ’ ’3’ @2’ @’A’ BE1’ L22E’ / E’ ’LBKF3’ CB3 ’ ’LKEA’E ’ @2’ IBK A’ @KC’E G’3N2’O E1’E2H2F’@’H2’ BKEA’ C2’ B’ N2E’ @B32’2N 3 23’I@ 4@’ ’F2’ ’CBE1’ @2’ CB3 ’ L 2332A’ NBF BE’B ’ @2’ @KF4@ 3’ E@2F ’E42!’ ’ I ’3’ FBC’I @E’ @2’I ’ 3’B ’’’NF 3BE’ NFBL’L G’4@’ E2A’ @’EA’ B’@’EA’ B’ @2’3B A 2F’I@B’O2N ’@ C ’ @’’ !’ (’K’ EA 2A’ @2’ 2N 3 23’ B’ @2’ N@23 ’E3’ (@ NN ’E3’ B B33 ’E3’ ’EA’ 2LF2 I 3!J% "1$#7 ’ !-#1 !’ $’ #’ 1"

H’ E’IF U@1’ B’(@ 2CBE’ (’K’ 4ZBB323’ B’3N2’O’B ’@ C32 ’’3’ @2’ 4’N H2’B ’U23K3’ @F 3 !’ 2 ’@2’I2E’ I 3@ @2F’ @2’ IBK A’’EA’I’3’ F22’ B’F242 H2’ @B32’I@B’4’C 2’ B’@ C!’ ’ 3’ E 2F23 E1’ B’F2C2CL2F’ ’C A’ @232’3B 2CE’H’K 3’ @2’A 2F2E’2H2E 3’B ’ !’ (’K 3’ ’NB3 B ’ 2’AKF E1’ @2’ IB’ G2’F3’ @’’ @2’ H2A’ @2F2!’ ’ I ’3’ @2F2’ @’’ @2’ 4BEH2F 2A’ E23 CK3’ @’’@2’F242 H2A’ @2’NF232E 3’B ’ @2’(@ NN ’E3’LFBK1@’LG’ N’N@FBA K3’ ’I ’3’@2E42’ @’’@2’IFB 2’ B’(@ 2CBE’ B’ K3’ B’ @2’ E@’L ’E 3’ B ’(@ NN ’EA’B ’ B B332’ ’ I 3’@2F2’ @’’ @2’NF2’4@2A’ A2HB BE’ B’ @2’4FB33’I @’ @’’1 BI E1’2’12FE233’I @’ @’’3’F E1’ 2 BSK2E42’ I@ 4@’1’ E2A’ F23@’NB I2F’ FBC’4BE 23’’EA’I@ 4@’ E3N F’ BE’ F2EA2F2A’3KL C2!

?’(2 2F’’AAF2332A’@ C32 ’B’@2’ F4KC4 32A’ (’K’ B’ @2’*2E 23 %’ B’ @2 F’3 2E42’ @’’@2’C 1@’4BE BKEA’ ’ B’ @2 F’F2’3BE’ @’’@2’C 1@’ @KCL 2’ !’ ’A’@2’EB ’’ F2’AG’4BEH2F 2A’ @2’NFB4BE3K’ 2F1 K3’ (’K K3

'EA') BEG3 K3' @2' F2BN'1 2'R' ' BC2'@ 3' I BFA' 3'2SK' G'NB I 2F K ' 'EA''CBE1' @2'4BKF 2F3'B ' 2FB'N2F@'N3'2H2E''CBE13'@ 3'F2 ' BE3''F2' @B32' I@B'G 2 A' B' @2'NB I 2F'B ' * BA ' I@B' F2H2' 3' @ C32 ' E' 2'4@' B ' @2' 2'4@ E13'B '@ 3' 32FH'E ! ' FBKEA' @2' 'NB3 2' @ 3' 2'12F' A 34 N 23' 1FBKN' @2C32 H23% E23 N@BFK3' B ' N@23K3' I@B' I '3' EB ' '3@' C2A' B ' @ 3'4@' E'g' N'N@F'3' B ' B B332' I@B' I '3' 4'N H2' I @' @ C ' $! $ *' ##0)' /%#)' CB @G' I@B' I '3' BE2' I @' @ 3' C '3 2F' E' ''@B G'KE BE' B ' 2H2FG' @BK1@ ''EA' I@B' I '3'' '4@2A' B'@ C' O2''3BE')#$+#* #*#&# $)'K'h' 2FC '3' F 3 'F4@K3' 'F4K3') 2C 'R% 'EA' KO2' @2' N@G3 4 'E' @2' ' @ K' 4BCN'E BE' B ' @2' NB3 2' @ 3' I2 "L2 BH2A' A 34 N 2% /' K4'3' C 2A 4K3'4'F 33 CK3!' FGH ! /' <!+ %#% ' ! /% 2 #/ %

?' ' @BEBKF' BC2' BF' @ 3' F2'3BE' D' BF' @BK1@' '4BK A'42 2LF' 2' @2F' NF' 323' BE' C'EG' B @2F' '44BKE 3% BF' @2F' 1F2' E233' BF' @2F' L2'K G' BF' @2F' NB I 2F' BF' @2F' I 2' @' 'EA' BF' @2F' I 'F O2' 2MN B 3% G2 ' N'33 E1' BH2F' ' '@232' @ E13' '1 BF G' @2F' BE' @ 3' '44BKE ' @' ' ('K' E' @ 3' 2T C2' I FB 2' B' @2' BC'E3''EA' BH2A' @2C' 'EA' I '3' NF232E' I @' 'EA' 4BEH2F32A' I @' @2C' 'EA' 2EA2A' @ 3' 2' 'CBE13' @2C!' @2F2 BF2' @2' 4 G' 3' BE' @ 3' '44BKE' F2EB I E2A' CBF2' @'E' BE' ' ' B @2F3% BE' @ 3' '44BKE' ' 'AC F2' @2F' EB' BE' '44BKE' B' @2F' 1B A' @2F' 4B KCE3' BF' @2F' B @2F' 3N 2EA A' A24BF' BE3!' J% .' %$' % # 3.' 3 " ' $'#%!' / , ' # '#%!' 3 $

? @2' BC'E'U2 I 3' 2MNF2332A' ' I 3@' B' @2'F' FBC' !' ('K'@ C32 ' '' 3 ' 2C2E' B '@ 3' F2 1 BK3' 32E C2E 3' 'AA E1' @' ' @2' @F 3 'E' 324 ' I '3' 2H2FG I @2F2' 3NBO2E' '1' E3 !' ! ! ! ' 'A'G' I '3' M2A' BF' @2' C22 E1' ' '@ 3' NF H' 2' BA1 E1!' +

?' @2'U2 I 3'4'C2' E'1F2' 'EKCL2F3' ' ' @2' 'NNB E 2A' C2!' @2E' B T B I 2A' 'E' CNF233 H2' 342E2 ' O2' @' ' ' ' FB'3' 4 3' MM ! % @2' NB3 2' N 2'A E1' BE1' 'EA' 2'FE23 G % L2'F E1' 23 CBEG'4BE42FE E1' @2' O E1ABC' B '* BA % 'EA' 2EA2' HBKF E1' B' N2F3K' A2' @2C' LG' 'F1KC2E 3' AF' I E' FBC' = @2 F'B I E' 4F N KF23 % / FBC' C BFE E1' '2H2E E1!' @2' F23K ' I '3' ''A H T 3 BE' ' CBE1' @2' 'KA BF3% /' EB 'N2' 42' LK ' ''3 I BFA !% @2' A H 3 BE' I @ 4@' @'3' F23K 2A' 2H2F' 3 E42' I @2E' @2' FK @' B ' * BA' @'3' 2E4BKE 2F2A ' 3 A2' LG' 3 A2' 2'FE23' 4BEH 4 BE' I @' I BF A G' EA 2F2E42' @BE23' EH23 1'T BE' I @' L 1B 2A' NF2 KA 42' FK3 K' ' @' I @' @2' NF A2' B ' 342N 4 3C!' 2F' '' BE1' 'EA' 3 BFC G' A 34K33 BE' @2' KEL2 2H E1' NBF BE' A2N 'F 2A' LK 'EB ' KE ' !' ('K' @' A' I 'FE2A' @2C ' E' BE2' '3 ''AAF233' @' ' @2G' I 2F2' LF E1 E1' KNBE' @2C32 H23' @' ' ' K 'ABBC' B ' KA 4 ' 'L EAE233!

' (@ NN' H!' 99!
U (@ 2CBE' 97!=
!' !

' g' CB @G' !' ;!
H' (@ NN' !' 99!

? ' '

Y I@4@ I '3' A2EBKE42A' E' @2 F' B I E' 4F N KF23' '1' E3 ' BL3 E' 2' KET L2 2H2F3'D' @' ' @2' 3 ' H ' BE' I @ 4@' @2G'F2 24 2A' I BK A' L2' I @AF'"IE' FBC ' @2C ' 'EA' @2' E@2F 'E42' @2G'F2EBKE42A' I BK A' L2' 1 H2E' B' @2' *2E 23!' @2' 32E 2E42' I @' I @ 4@' @2' 1 'H2' 2CN@'3 3' B' @ 3' 3B 2CE' I 'FE E1' I '3' @' ' N '33 '12' E' 3 ' '@ ' I @ 4@' F24KFF E1' @K3' I @' 3B 2CE' BF42' ' ' @2' H2FG' 4 B32' B ' @2' NB3 B 4' @ 3 BFG ' 322C3' B' LF E1' H2FG' 3 F O E1 G' B12 @2F' @2' A') 3N2E3' BE' 'EA' @2' 2 I ' 'EA' B' 4BEE24 ' @2' C E 3 ßG' B ' KF' BFA' I @' @' 'B ' 3' NB3 23'0% f * B' KE B' @ 3' N2BN 2' 'EA' 3 ' GD' @2 'F E1' G2' 3@' ' @2 'F' 'EA' 3@' ' EB ' KEA2F3 'EA ' 'F ' 322 E1' G2' 3@' ' 322' 'EA' 3@' 'EB 'N2F42 H2'D' BF' @2'@2 'F 'B ' @ 3' N2BN 2' 3' I 'M2A' 1FB33 ' 'EA' @2 F' 2 'F3' 'F2' AK 'B '@2 'F E1 ' 'EA' @2 F' 2G23' @'H2' @2G' 4 B32AD' 23 ' @2G' 3@BK A' 322' I @' @2 F' 2G23 ' 'EA' @2 'F' I @' @2 F' 2 'F3' 'EA' KEA2F3 'EA' I @' @2 F' @2 'F ' 'EA' 3@BK A' L2' 4BEH2F 2A ' 'EA' '3@BK A' @2 ' ' @2C !ß

!' !') KF E1' @2' BE1' A2 'G' B ' @ 3' F ' ' !' ('K ' I '3' EB ' F2AK42A ' '3' @2' @ 'A' L22E' ' ' 23 'F2 ' ' B' '' BF42A' E '4 H G!' E' @2' 4BE F 'FG ' @2' I '3' N2FC 2A' @2' F223 ' E 2F4BKF32' I @' @ 3' F 2EA3 ' 'EA' I '3' ' B I 2A' B' F23 A2' E' '' @BK32' B ' 3K 4 2E ' 3 P2' B' '44BC C BA ' 2' @2' 4BE1F21 ' BE' I @ 4@' B4O2A' B12 @2F' B' 3 2E' B' @ 3' 2 '4@ E1!' @2' F223 ' 34BN2' I '3' 1 H2E' B' @ 3' 'LBKF3 ' 4BE3 3 2E ' I @' @2' C 'FG' 4K3 BAG' KEA2F' I @ 4@' @2' I '3' N '42A!' 2' 'F2' B A ' E' 'E1K '12' N24KT 'F G' 2CN@' 4 ' @' '@ 3' NF2 '4@ E1' I '3' 3KL 24 2A' B' EB' F23 F' E ' I @' T 2H2F!' EA' @' ' I @ 4@' 322C 2A' ' ' F3 ' B' C N2A2 ' CK3 ' F2 ' G' @' H2' A22N2E2A' @2' C NF233 BE' B ' @ 3' 2 BSK2E42D' BF' I @B' 4BK A' 322' I @T BK '2C B @' 'H2E2F' L 2' BFC ' 3KL 24 2A' LG' FBE' EO3' B' @2' 4B' F32' 4BE FB ' B ' @2' 3B A 2F' I @B' 3 BBA' L23 A2' @ C R' @B I ' B 2E' CK3 ' @2' 2 'F3' B ' @2' '332C L G' @' H2' L22E' 4 ' 2A' BF @' LG' @2' KNF ' 3 E1' B ' @' ' 2 2F2A' @' EA ' 'EA' @2' 4 'EO E1' B ' @2' 4@' E' I @ 4@' 4@24O2A' 3' 2E2F12 4' '4 BE!

? 2' 3@' ' 322' @2F2 ' 2F' @' ' @232' 'LBKF3' B ' @2' C NF 3BE2A' BE!' 233BF' I 2F2' EB ' FK 233'D' E' @ 3' B I E' I BFA3 ' @2' f'L21B ' C ' EG' 4@ AF2E' E' @ 3' 4@' E3!ß' 2' E I @ 2 ' @2' @ ' A' '' I A2F' 3N@2F2' B ' '4 BE' @ ' E' 2H2E' @2' C 2 FBNB 3' B ' @2' I BF A!' B 'BE G' f @2' 4FB I A' I @ 4@' NF2332A' KNBE' @ C' A' G ß' LK ' ' 3B' / @2' 4' F2' B ' ' ' @2' 4@KF4@23ß' A2C ' EA2A' @ 3' 4BE3 'E ' H 1 'E42' 'EA' 2M2F BE!' !' !' !' B' 2E' L 2' @ C' B' C ' E ' E' @ 3' 3KN2FT E 2EA2E42 ' @2' C 'E 23 G' E22A2A' C 'EG' ' @ K ' C 2332E12F3D' C2E' I @B' '3' @2' 3 ' G3' B ' BE2' B ' @2C ' f'F2EA2F2A' @ C ' NFB 'L 2' 32FH 42' ß' D' 'EA' LG' 3BC 2' B ' I @BC ' @2' 322C 3' B' @ ' H2' L22E' 4BE3 'E G' '44BC N ' E 2A ' I @2F23BT 2H2F' @2' I 2 ! 44BFA E1 G' I 2' EA' @ C ' AKF E1' @ 3' BC 'E' C NF 3BET C 2E ' 3KFFBKEA2A' LG' C 'EG' B '@ 3' B A23 ' 'U A' C B3 ' H ' K2A' ' 2EA' E 3!

KO2 ' @ 3' 2 B I " F 'H2 2F ' F2C ' E2A' I @' @ C' AKF E1' @ 3' LBEA '12⇧
CB @2K3 ' @ 3' L2 BH2A' 3BE' E' @2' ' @ ' C E 3 2F2A' B' @ C' ' ' BC 2 ' '3'
@2' @ 'A' ABE2' E' 3 ' ' E' '42ABE ' ' 'EA' E' 4@ ' '! G4@ 4K3 ' I@B'
@ 'A' BFC 2F G'LBFE2' @ C' 4BC N 'EG' FBC' BF E @' B' N@23K3⇧ 3' EB I ' ' '
@ 'EA' B' 4 'FFG' @ 3' 2 2F3' B' @2' 3@BF23' I @ 4@' @2G' @ 'A' H 3 2A' B12 @2F!'
K ' @2F2' 'F2' I B' E ' C 23' ' C BE13 ' @ 3' BC 'E' 4BC N 'E BE3' I @ 4@' 2M4 2'
' 'N24K 'F' E 2F23 ' @BK1@' FBC ' BNNB3 2' F2 ' 3BE3 % @2' E ' C 23' B ') 2C ' 3'
'EA' B ' 'FO!' @2' ' 2F ' I @2E' '3 ' I 2' @2 'FA' B '@ C ' I ' 3' @2' KE@ 'NNG'
⇩4 'K32' B ' @2' 32N 'F' BE' B ' 'FE 'L ' 3' 'EA' ('K !' 2' I ' 3' F2 24 2A' LG'
('K ' '3' KE I BF @G' B' ' 2EA' @ C ' L24 'K32' @2' @ 'A' NF2H BK3 G' 'L 'EABE2A'
@2' I BFO ' B ' @2' * B3N2 ' BK 'B ' C A G' BF' EAB 2E42!' ' 3' A2 1@ K ' B' '
EA' @ C ' EB I ' C E 3 2F E1' BL2A 2E G' B' @2' H2FG' NB3 2' I @B' @ 'A' @2E'
F2NKA ' 2A' @ 3' 32FH 423'⇧ 3 ' C BF2 ' B' OEB I ' @ ' ' @2' N2F32H2F2A' E' @ 3'
A2 G' 2H2E' B' @2' 2EA ' 'EA' I ' 3' 32E ' BF' LG' !' ('K ' B' 4@22F' @ 3' AG E1'
@BKF3!') 2C ' 3 ' BE' @2' B @2F' @ 'EA ' 3' EB I ' ' ' ' @ K ' / 2 B I " 'LBKF2F⇧
B ' @2' NB3 2⇧ LK ' E' '' 2 I 'G2 'F3' I 2' 3@' ' EA' @ ' ' @2' @ 'A' /' BF3 'O2E'⇧
@ C ' @ 'H E1' / BH2A' @ 3' NF232E ' I BF A!⇩
? ' C BE13 ' @2' F23 ' B ' !' ('K ⇩3' 4BC N 'E BE3' ' ' @ 3' C2 ' @2F2' I 2F2'
I B' I @BC' @2' A 3 E1K 3@23' LG' @2' @BEBKF 'L 2' 2' B ' @ 3' / 2 B I '"
NF 3BE2F3!⇧ E2' B ' @232' 3' F 3 'F4@K3 ' @2' B @2F' N 'N@F ' 3!' @'
F21 'FA' B' @2' BFC 2F ' I 2' OEB I ' @ ' ' @2' I ' 3' '' '42ABE 'E' B ' @233 '"
BE 4 ' ' BE2' B ' /' ('K ⇩3' 4BC N 'E BE3' E' F 'H2 ⇧ I @B32' 2' KFE3' 2EA 'E12F2A'
LG' @2' C BL' ' ' N@23K3 ' 'EA' I @B' 2C L 'FO2A' I @' !' ('K ' ' ' '23 'F2 ''
I @2E' @2' 32 ' 3 ' ' BF' BC 2!' @2' B @2F' N 'N@F ' . ' I ' 3' '' B B33 'E '
I @B' CK3 ' EB 'L2' A2E 2A' I @' @2' (@ NN 'E' N 'N@FB K3 ' ' EB @2F'
B ' !' ('K ⇩3' 2 B I " 'L KF2F3' AKF E1' @ 3' C2!' ' 3' EB ' 2 ' 3G' B' 3 ' G' E'
I @ ' ' 2M ' 4 ' 32E32' @232' I B' A 34 N 23' I 2F2' N24K 'F G',!'"- 3 ' $! ' B '
!' ('K !' (2F@ 'N3' ' BE G' CN 23' @ ' ' @2G' A I 2 ' E' @ 3' @BK32 ' I @ 4@'
I ' 3' ' 3B' @ 3' NF 3BE!
?' K ' B ' ' ' @2' A 34 N 23' EB I ' C E 3 2F E1' B' !' ('K ' ' ' BC 2 ' EBE2'
@ '3' '' 1F2 ' 2F' E 2F23 ' @ 'E' @2' K1 H2' 3 ' 4' 3 'H2' E23 CK3!' 2'
L2 BE12A' B' '' @F 3 'E' E ' C 2A' (@ 2C BE ' '' C 2C L 2F' B ' @2' B B33 'E'
@KF4@!' K ' @2' @ 'A' EBLL2A' @ 3' C ' 3 2F ' 'EA' 2A' FBC' B B332 ' 'EA' ' '
'3 ' BKEA' @ 3' I 'G' B' BC 2!' 2F2' @2' I ' 3' 4BEH2F 2A' B' @2' ' @' B '
@F 3 ' 'EA' @ 'A' 4BE 2332A' B' !' ('K ' @ 3' 3 E3' '1' E3 ' @ 3' C ' 3 2F!J% '
$! ! $5' ,,+ $' ,!' ,' ' 1"

' BKE ' E' @2' 4FGN ' 3' 3@B E ' '3' @ 'H E1' C F '4K BK3 G'
3NFKE1' KN' E⇧⇧ ' ⇩ ; I 2F' B' @2' NF ' G2F3' B ' ! ('K ' @ ' ' @2'
C 1@ ' @ 'H2' I@2F 2 I ' 'V B' L 'N 32' @ 3' A 34 N 23!' ' @2'
Ž ' 9 !

' ' /

2EA' B ' @2' 4FGN ' 'F2' 3BC2' 'F12' L B4O3' B ' N2N2F EB ' 3' A' B' L2' F2C ' E3' B ' @2' 'F4@' 2F24 2A' LG' @2' 32E' 2' E' @BEBKF' B ' @2' CN2FBF' *BFA 'E' ! ' 'EA' A23 FBG2A' LG' EEBT 42E ' !

'F' ' BE1' @2' F 1@ ' 3 A2' B ' @2' BF3B' EB I ' 2M 2EA3' @2' '1'A2' B ' @2' CC2E32' ! 7#744 ' & 7 ' LK ' LG' ' H'3BF ' @2' FBE ' BI 'FA3' @2' B 21 B' BC 'EB' L2 E1' LG' (2 FB' A3 ' BF BE' ' 'EA' @' ' BI 'FA3' @2' ('PP'' 2E2P '' LG' C' !' E 2F E1' @2' 4BKF G'FA ' BE2' CK3 ' KFE' 2 ' B' F2'4@' @2' ! 08 ' G7## 3' I@ 4@' 3' BN2E' BE' K23A'G3' 'EA' F A'G3 ' FBC' 2E' ' IB % '' H'3 ' 4B 24 BE ' I@ 4@' 4BE ' E3' 3BC2' 1F'EA' NBF F' 3' 'EA' '' 2I ' B @2F' E2' N' E E13!

@2' X60' ' 2E 2F2A' 3' '' 1F2' ' @' "% B' I@ 4@' N 4 KF23' 'F2' F2CBH2A' BF' 4BNG E1!' ' 4BE ' E3' BKF' E2' 3'F4BN@'1 ' I @' F2 2 3' B ' @2' KE ' B ' 2 2'12F ' @2' BFG' B ' 'F3G'3 ' EA\$E BE' 'EA') 'E' ' 'EA' '' '44@ 4' NFB4233 BE!' ' IB' 'E4 2E ' 4 F4K 'F' ' 'F3' BE2' 32FH23' '3' @2' N2A23 ' ' B ' '' L2'FA2A') BEG3 K3!' @2' N 4 KF23' 'F2' 4@ 2 G' 'EA34'N23 ' B ' @2' 34@BB ' B ' (BK33 E' 'EA' ' H' BF' B3' % @' ' B ' @2') 2 K12' 3' LG' 99 #0 ' 7 6 ##

0N $' !% E' @2' 42E F2' '' 2E 'KF' F23 BF2A ' B ' L'3' ' 'EA' FB33B"'E 4B!' E' 2 @2F' 3 A2' 1FBKN3' B 'LBG3' N 'G E1!

```
! 08  60%
  :!'  'F '3'  BC 'E''0  )7#  0  '  !
  \!'   F4KC 4 3 BE0' G  5' :  ##   T
  -!'  Z 'ABEE'' 'EA'  ' E 3' 0  : 767 0
  \!'  2CN '  BE3'B '  !'  E @BEG' 0   0  #7'$ '  7 0 % 7'
  8!'  !' UB@E' E'  @2' ) 232F 0  G8   'I
   '"   F @' B '  !' UB@E' 0  ) 00  '! 67  ##
9 !'  NBP'  P B' 0  )' ! 67  ##
97!'  !'  G H23 2F' L2 BF2'  'M C E'  !' 0' ! 6 ##  '
$   'ABEE'' 'EA'  @  A' 0 E ' E 7  7$'
9,!  EEKE4 '  BE' 0 E # '  39 '  =
```

98!' !' G H23 2F' 'EA' 2') F' 1BE' 0 - 5" $ ' 322' @2' '44BKE ' B
'!' 'F '' L2F' F 42 !
77!' !' 1E23' BE' @2' LKFE E1' N 2' 0 61 - $
7 - !' '1A' 2E0' ' ' ,'#%!' # $ $#%!' ##' " -!

@' !% ' =

' LK3 ' B ' EEB42E ' 5 !' I @' I @B32' "' 4SK F2A' I 2' @' @ 3'
N' '42' I '3' LK ' E' FB33B"' E 4B' I @' '' LFBEP2' @2' A0'
! $

- 0@' !%

- !' @2' BE2G"4@' E12F3' 0 B1!$# $ #
9\!' !' UB32N@' 0 61! - #+
E' @2' 42E F2 ' '' 1FBKN' B 'U' 4BL' I F23 E1' I @' @2' E12 0
-% '" ,' ! $ $

0@' !%

,!' (BF F' ' B ' GCN '' ' A' 44@ E ' @2' 3 3 2F" E" ' I ' !B ' EEBT
42E ' 5 !' I @B' FK 2A' BC 2' D'' % ' C2!
7!' 'ABEE' 0 7 # ' 4 7007
7<!' O2 4@' B '' BG' 0 %00

FBC' @ 3' FBBC' I 2' 2E 2F' '' 3C ' ' 4' L E2 ' @KE1' I @' N 4T KF23' B ' : 8%@ # ' EA' E 7 % ' 'EA' 4BE ' E E1' '' LK3 ' LG' #%7 $ ' B ' GCN '' ' A' 44@ E "(' C ' I @B' LK ' @2' '') BF '' (' C ' BF' @2F' 3BE!' =

0B0@' !%

,!' 2 "3' F K3' E' @2' A232F 0 "* # '
8!' 'K1@ 2F' B ' @2' EEB42E 3' 0 22 " $

2' EB I ' 2E 2F' @2' * ' 2F 23"' " I @ 4@' L21 E' B I ' FA3' @2 V
2 %

*60' G7# 3!%

9!' B G' 'C G' E' 1 BFG ' 'EA' I B' F' E4 34' E' ' E 3' 'ABF E1' 0
6 , "
7!' '1A' 2E' 0 # $ "!' -
,!' I B' 2' A3' 0 B1!$# $ " #
8!' B G' 'C G' F ,! #

B!' BFG'B ' @2'4BEH2F3 BE'B ' !' K3 '4@ B' 322' @2' A234F N BE'
B '@ 3'4@KF4@ '0 @ # ' #I 0'&00
:!' '(BF F' '0 0$
\!' B G' 'C G'0 $ 7'$ # 7 0
9<!' @2' @F22' 123'B ' 'E'0 07 ;' !
9 !' 2 KFE'B ' @2'(FBA 1'' BE0 G8
9\!' 'EA34'N2' I @' @2' 1@ ' E B' 1GN 0 #70$ ' 7
9;!' @2'C22 E1'B ' 'FG''EA' P'L2 @'0 G7 7#
7,!' BNG'B ' @2'?' BPP2' ABLF'EA E 0J' ! 866
:\!' 'ABEE''0 G8$ '
\<!' B G' 'C G0' G 8# ' 7 ' ' 79@7 #

N $'G7## 3 -

;' @ 'ABEE''0 E 7 'E 7 7
:!' ?' 'F B B''EA' ' AB'0J' 79@7 #;
-!' (BF F' 0 07
9 !' (BF F' 'B ''' AB I'0)7 $3D
9:!' @F22' 2'A3'4' 2A' ' H E' K @2F''EA' ' @2F E20G % '
9;!' '4F 42'B ' 3''4'0 0>
77!' (BF F' 'B ''('C '0)7 $3D
:<!' 2FBA '3' I @' @2' 2'A' 'UB@E' @2' 'N 3'0 ! $
'1F'EA'LK3'B ' EAF2I')BF '!
\<!' ?' @2' BE 233BF'0J' 8I 6
\7!' UB'EE''B ' FF'1BE'0 @ # ' 7 $ '$7')
\;!' '1A' 2E20' @ # ' 07
; !' A1F' BE'B ' @2' E 'E 'U23K3'0 G ' :700' : 5 80'GI (
0 #7 K
;;' B G' 'C G'0 G7 7#
;8!' * BFG'4FB I E E1' F K2' ''3O2 4@ '0 %%
,<!' (BF F' 'B ' 'E''EA'@ 3' 2'0 07
3B''EKC L2F'B 'N 4 KF23'B ' @2' F2' BE'0 : 8%@ #

3$G7## 3W

' ;' 9,' 7:!' 'EA34'N23' I @ ' 1KF23' E FBAK42A '0 '
7 7
\!' 'EA34'N2 ' I @' 2F4KFG'3 2' E1' 4' 2'0 #78$ ' 7
<!' 'E03' 2'0 07
!' ?' 44B 'K3' '44@ 'H2 K3' 3 BF 'F!' 4F N BF0J' : 4 '
XN' ? @2' 0J' #78$ ' 7 ;

?' @2' BF21FBKEA'B ' @2'N 4 KF2'B '/ @2' '0 3''N 242'B 'H2FG' BH2 G'
'EA' N2F 24 ' BF23 ' 342E2FG' I @' ''A'E42'B 'N2'3'E 3'LG' ''LFBBO"3 A2'D

SK 2' 2EBK1@' 3KL 24 ' B' BFC ' E' @2'@'EA3'B ''' C '3 2F' 'E' CNF233 H2' 'EA' 4BCN 2 2' N 4 KF2!' E' @2' B @2F' 3 A2' B ' @2' LFBBO '@B I 2H2F ' I 2' @'H2' ''N 242'B 'N'3 BF' ' 2Ø '' C 'E' I @'3BC2'@K 3' 'EA'1B' 3' KCL E1' @2'A' BF2C B3 ' E B' @2' I ' 2F ' B I E1' B' 3BC2' 3KAA2E' N 'F' G 4' ' 24 BE' B ' ' ' @2 F' 213!' H2E' @ 3' 1FBKN' 3' BE2' BB' C 'EG'Ø @2' 3@2N@2FA'@ 'A' EB' LK3 E233' B' AF H2' @ 3' B4O' 3B' E2 'F' @2' A'E42F3 ' 'EA' @2' A 'E42F3' I ' 42F ' E G' F 1@ 2E' @2'4 ' 2!' K ' I @2E' I 2' BBO' 'F @2F' E B' @2' N 4 KF2 ' BKF' 22 E13'F242 H2' '' 3KAA2 ' 'EA' H B 2E ' 3@B4O ' LG' @2' KE2MT N24 2A' 'NN2' F'E42 ' 'C A3 ' @ E13' N '3 BF' ' 'EA' CK3 4' ' B ' @2' C 'FGØ [EKC L2F'B ' BC 'E' 3B A 2F3'F A E1' E' BE'@BLLG"@BF323 ' I @' '' 2 ' A2F' BE' BB i' 'NN' F2E G' 2E4BKF ' 1 E1' @2C ' B' C 'O2' 'E' C C2A ' 2' 'EA' A24 3 H2' 4@' F12' BE' @2' CK3 4 'E3!' 2GBEA' @2' 3B A 2F3'" 3' '' 4 F4K 'F' 2CN 2 ' E' 2M422A E1 G' L 'A' F2N ' FØ 'EA' 4 B32' L23 A2' 'LK ' '1' E3 ' 3' H2FG' I ' 3 ' ''E2' ' I ' 2F"C ' E' K 'I BFO'Ø' LG' @2' C ' B I 3' '' 'F12'F H2F' I @' '' I 2 F' '4FB33' !' f' f' f' ' 'E' E4BEH2E 2E ' A 3 'E42' FBC' @2' ' 2F"3 A2 3 'EA3' ''4 G' 4BCNB32A' B ' I 2E G" H2' FBKEA' B I 2F3' 'EA' '' NGF' C A!' 2GBEA' @2' 4 G' 3' ''@'EA3BC 2' LF A12'Ø L2GBEA' @2' LF A12 ' N ' F ' B ' @2' 'CN '1E' ' I @'ƙF'1C 2E 3' B ' 'SK2AK4 3Ƙ L2GBEA' @2' 'CN '1E'' @2' 4@' E' B ' @2' N3'Ø' BE' @2' 2 ' @2' 4 'aA&A23' B ' HB !

?' @ 3' 3' '' ' F' 2M' CN 2' B 'I @' ' 3' 4BC CBE G' 4' 2A' 'E' / A2 ' ⁋' 'EAT 34 'N2'Ø ' '' 1FBKN' B ' @2' 'F 3 {3' 3 KA 23' FBC' E' KF2' EA H AK' G' 3NB 2A ' 32 24 2A' I @' 3K4@' BNNB3 BE' B '4@'F'4 2F' '3' C 'G' E3KF2' @2 F' E2K F' P E1' 2 '4@' B @2F{3' 2 24 ' 'EA' KE 2A' I @' 3K 4 2E 'KEE ' KF' E233' 'EA' H B 2E42' B ''33B4 ' BE' B' E3KF2' @2 F' NFBAK4 E1' ''12E2F' '32E3' BE' B ' @2' CNB33 L 2!J % 86D 6' $ '!7 0 6

?' 'EG' N' E 2F3' 'O2' ''N' F 4K 'F' NB ' 'EA' 3O2 4@' ' 'N2F 24 BE'Ø LK ' 'KA2' I '3' 4BEH E42A' @' ' 'O E1' E' KF2' '3' @2' BKEA' '32 ABC' NFBAK42A' L2' K G!' 2 @2F' A A' @2' O2' 2M@ L E1' E' @ 3' N 4 KM{23' '44 T A2E 3' B ' E' KF2!' 2' NFB 2332A' B' NBKF F' G' @2' 3 G 2' B '12E2F' 'E' KF2 ' 'EA' 3B' @ 3' N 4 KF23' I 2F2' ''4BC NB3 BE' B ' @2' H' F BK3' AF' K1@ 3' I @ 4@' @2' @' A' NF2H BK3 G' C 'A2' FBC' L2' K K ' 342E23' 'EA' NFB3N24 3!J % ' ' 3 #$6

,!' (2 'Ø ' 7 7
97!' 'EA34'N2' I @' @2' 2CN 2' B ' NB BØ' #78$ 7
9;!' (BF F' Ø 744 #
9-!' (BF F' Ø G %
77!' 'EA34'N2' I @') 'E''@KE E1Ø #78$ ' 7

' @2' 2EA' B ' @ 3' 1' 2FG' 3' '' 3C ' ' 4'L E2 ' 4BE ' E E1' @2' 12C3' B ' @2' 4B 24 BE0%

' 7 7 ' ' /

!' (BF F' 'B ''?' 2 2F' B'0J' 1- ' 9' ! 75!$
9!' (BF F' 'B ' EAF2'') BF ''0 ! # $'5!" 3 'J
7!' (BF F' 'B '* 'EE2 B') BF ''0 $2 $ J
:!' (BF F' 'B ' !' NNB' 2F ' '3' ''LBG'0 --
\!' (BF F' ' B ' EEB42E ' 5 !'0 * B!' ' 3 '' ('C ' ; : :"\ '=
9!" 01!2'J
;!' E BC LC 2E 0 4 %$' / 3!" $& J

2F2' ' 3B' 3' @2' LK3 ' B ' @2' ' 2' L2 BH2A' (F E4233') BF 10'
'AG' 'FG' ' LB ' I @ 4@' @'3' ' I 'G3' L22E' H2 2A' E' 4F 'N2'
3 E42' @2F' A2' @!'

@2' @' 'G7## 3' 3' A24BF' 2A' I @' C FFBF3' 'EA' I @'
3 ' K23' B 'EB' 23N24 ' ' C2F !

NNB3 2' @2' (' 'PPB') BF '' 3' @2' ! 7#744 ' 7#5 70 ' @2'
E2M ' I B' 3 F22 3' BE' @2' 2 ' 2' A' E B' @2' BE1' E' FFB I ' 3SK 'F2'
4' 2A' ! 7447' 7 0' 9 60L# ' 4BE ' E E1' 32H2F' ' @'EA3BC2'
N' '423!' @' 'BE' @2' F 1@ ' 3' @2' ! 7#744 ' $ 6 7# @ ' LK '
LG' 2FE E ' E' ; ;<' BF' 'FA E' ' 'L B' @ 1 ' B' I @B32'
'C G' ' BFC2F G' L2 BE12A!' ' @'3' 3BC2' E2' N' E 2A' 'EA'
4 'FH2A' I BBA2E' 42 E13!' @ 3' N' '42' 3' 3KNNB32A' B' L2' @2'
342E2' B ' @2' ' 23 ' C F'4 2' B ' @2' BC 'E' ' @B 4' @KF4@!'
@2' NF232E ' (F E4233' A234' 4@ ' @'A' BE1' L22E' L2AF AA2E '
'EA' I '3' 'NN 'F2E G' AG E1' B ' '' @BN2 233' A 32 '32 ' I @2E ' I @ 2'
@2F' 'C G' I 2 2' I ' 4@ E1' I @' ' @2G' 4BE3 A2F2A' @2F' '3 '
CBC2E 3 ' @2' NBN2' (K3' 5! ' 32E ' LG' @2' @'EA3' B ' '' EKE '
'' 2' B' ' N'E2 2 B ' I @ 4@' @2' A23 F2A' @2F' B' 3 I ' B I!'
@' 2FF L 2' 2 BF ' @2' 3 4O' I BC 'E' BL2G2A' 'EA' I '3' CC2T
A ' 2 G' @2' 2A' 'EA' BE' @2' B B I E1' A 'G' @2' '3 BE 3@2A'
BC 'E3' 3' I ' @2F' 1B' E' N2F3BE' B' @2' NBN2' ' ' @2' ' 4 'E '
B' F2 KFE' @' EO3' BF' @2F' F23 BF ' BE' X

@2' LK A E1' ' ' @2' 2E ' B ' @2' 3SK 'F2' 3' @2' ! 7#744 '
) 7# 0 3' I @ 4@' BE42' 4BE ' E2A' '' 4B 24 BE' B ' 'E SK 23!
2 'F' @ 3 ' BE' @2' 2 ' LK ' 32N 'F' 2A' FBC' @2' N 'PP'

LG' '' 4BKF G'FA' 3' @2' H'3' ! 7#744 ' # 7' L21KE' E' @2' 22E @' 42E KFG' LG' 'F E' !' 'EA' 4BE EK2A' ' ' H'F BK3' ' 2F' N2F BA3!' UK K3' !' ' ' BE2' C2' C'A2' ' @ 3' F23 A2E42' 'EA' ' 3B' 'FA E'' ' 2F I 'FA3' 'E' 'F B' BFFBC2B!' ('F' B' ' 3' EB I' @2' F23 A2E42' B' @2' F2E4@' 'CL'33'ABF3!' @2' N' '42' 3' LK ' H2FG' E2 'F' @2' 3 2' B' @2' 'E4 2E' BF F233' B' U@2' B BEE'' 'C G% 3B' 42 2LF' 2A' E' C23' B' C2A '2H'' I 'F 'F2' I @' @2' F3 E % B ' I @ 4@' BE2' B G' B I 2F' 3 ' F2"' N ' E3' E' '' 3 F22' 2'A E1' KN' B' @2' >K F E' !

@2' G7## 3' 3' 3@B I E' 2H2FG' A'G' 2M42N' KEA'G3' 'EA' @B A'G3' FBC' ' B' 7!' ' 3' 2E 2F2A' LG' @2' 2 ' I E1!' @2' F3' FBBC' 3' '' E2' 1 BBCG' B A' @' ' 4BE ' E E1' @2' 'C G' A' 3' 'EA' @KE1' I @' A24'G E1' B BEE'' NBF F' 3!' @2E' 4BC2' @F22' FBBC3' 4BH2F2A' I @' 'N23 F 23' @2' '3' 4BE ' E E1' '' NF2 G' 3 ' K2' B' '' 1 F' 3BC2 C23' 4' 2A' BL2!' 2E42' I 2' F2 '4@' @2' N 4 KF23!' @2' *60' ' @'3' 'E' E 2F23 E1' 4B 24 BE' B' @2' 2'F G' 34@BB 3' E4 KAT E1' 'ABEE'3' B' E # 99 ' 99 /' 8 7' %@ /' : 00 ## /' G 0 # '$7' E7I 7 /' 47' $7' #7'/' '' 4KF BK3' FK4 T M BE' LG' 8 9' E 57 4 /' 'EA' '' NBF F' ' L' G 57 ' 7 4 ' ' @2F B' 'N@'2 !

@2' 42 E1' B' @2' - $' '@'3' '' F234B +LG' : 700 ' 'EA' 80' B' @2' 'NB @2B3 3' B' 'F E' !' AABE2' B BEE'' : -"9 : !' CBE1' 3' N 4 KF23' 'F2' !' 2FE'FA' G 57 ' : ## /' EKN@F K3' ('H E K3' 0 7 /' B G' 'C G' : P 4 /' (2'3'E' $ %' I7#' 7 7 /' !' U2FBC2' 97% 7/' (BF F' ' ! 70$') 6 /' B G' 'C G' : 74

2E42' I 2' 2E 2F' @2' G 70' > 7##' '' FK G' 1F'EA' FBBC' @KE1' I @' C FFBF3' 'EA' N' E 2A' I @' B I 2F3' LG' 7 '$ 'E ' 'EA' I @' 12E ' LG' 7 7007' @2' 3 ' K23' @2F2' 'F2' KE CNBF 'E !' @2' 42 E1' 3' 'ABFE2A' IE @' N' E E13' LG' #' 'EA' G@ 7 $

B ' @2' L' 2' B ' 2N'E B ' 4 !' ,' \- ' I @ 4@' 'F4" E BE B'
B BEE''' '33 3 2A' E' 1' E E1!' @2' L23 ' N 4 KF23' 'F2' @2'
'C G' NBF F' 3' 0% 2A2F 1B' B BEE''' 860 7 6/') BE'
'F B' B BEE''')7 $3D /' 'FA!' (BCN2 B' B BEE''' 4 '
00 '/' BF '' B BEE''' 86 7 '/' K4F2P '' B BEE''')7 P
$3D /' (BCN2 B' B BEE''' % 60 ' 7 7 /' * '4BCB' 4 'FF''
B BEE''' G % ' 2' C 'G' ' 3B' EB 42' 'E' 2M F'BFA E'FG'
N 4 KF2' B ' @2' 'ABEE'' F234K E1' '' 4@ A' FBC' '' A2CBE' LG'
' @ ' I @' '' ABKL 2' NBF F' ' LG' 0 0' BE' @2 '
F 1@ ' I ' ' 'EA' '' B G' 'C G' B ' !7# 7') @ ' ' ' @2' 2EA'
B ' @2' 1' 2FG!' 2' F' @2' 2E F'E42' 'F2' 3BC2' 1 BF BK3' B A'
4'L E2 3 ' E ' A' I @' HB G' 'EA' 'N 3" 'PK !' E' @2' 3 2N3'
2'A E1' B' @2' KNN2F' 2EA' B ' @2' @' ' 3' '' LBCL' 2 ' BE' @2'
3NB ' I @2F2' ' 2 ' AKF E1' @ '3 212' B ' BC2' E' , : , !

@FBK1@' @2' N' '42' '44233' C'G' L2' BL ' E2A' B' @2'
L2'K K ' B BEE''' * 'FA2E3D' LK ' '3' @2G' 'F2' 12E2F' G' H 3 2A'
FBC' @2' >K F E' ' @2G' I ' L2' EB 42A' E' @2' A234F N BE' B '
@' ' @ !

?' E'N'F 2'A(KE' (2FF2' B BEE' ' A1NBK 2' A2' BE3' 323'L 2E3' 2E' <<'
N'F' 2' N'N2 ('34' ' !' ' ' ' 'SK2' '' 'C 2' K 'A2 'N'33'L 2C 2E '
'E4 2EE2 ' 4'F' 23' 1F'EA23' BF KE23' E2' 3(2 2H2E ' N '3' 2E' KE' BKF!J%'
1#

? ' E(2 B ' 2' A 2F2E ' A23' $F3 E3' 2 ' A23' B BEEB 3' F3 E ' 'EA'
B BEE' ' '' 2FF2' A2' (1 32' 32FB ' ''N K3' @2KF2K32' @ ' L ' BE' NBKF' 23'
3KL 24 3 ' SK ' 3B ' 2E' BK ' 2' EBEA2 > (%" ' !' 5!' 3 $! ' \<<!

?' * BF B3'' B BEE' ' E' 4K ' 3(' 'NNB11 '
B3 F''3N2F'EP' ' 2('1F'E' EB E2' ' EB
@(' E4BF' EBE' BF 2' A2 ' H2FB' 4 ' C C EB'
(F'' A ' * BH2' N2F' H2E B3 ''N B11 '!J
!# - .' $$!## ' M!

A B E E1' @2' (' 'PPB' B BEE''' 3' @2' E2' @8 @' '0@ '
7 0 ' 9 60 # ' BKEA2A' E' @2' 3 M ' 42E K G ' F2LK ' LG

'F E' ! ' E' :9< ' 'EA' CBA2FE P2A ' ' ;<9 ' LG' BE 'E'!' @2' NBF 4B' 4BE ' E3' '' C '1E 42E ' L '3"F2 2 ' B ' 'E' 2'1 2' 'EA' 'E' B'O"IF2' @' F2SK2E G' 4BN 2A' 'EA' E FBAK42A' E' 'F4@ 24 KF' ' A23 1E3 !

?' E F2P' 3BK3' '' NBF SK2' A2' ⇩21 32' A23' ' E 3" NB F23 ' 2 ' HBK3' FBKH2F2P' ' 2E4 'AF2' N ' F' @ ' 3 ' FA' A ' E3' 2' C KF ' KE' ' 1 2' SK⇩2E BKF2' KE2' 4BKFBEE2' A⇩KE' C '1E SK2' F 'H' !' BK3' F24BEE ' F2P' '4 2C2E ' A ' E3' 2 ' ' 1 2' 2 ' 42 2' 4BKFBEE2' '' F2NF&2E ' BE' A⇩KE2' 2E3 1E2' FBC ' E2 ' 2 2' SK2' 23' L '3"F2 2 3' A2' '' 4B BEE2' F ' 'E2' HBK3' 2E' BE ' C BE F2' N K3 2KF3⇧ 32K 2C 2E ' 42' SK '2 ' ' '' 2E' N2 ' 23 ' 4 ' 2E' 1F ' EA!J% ' 9 ' !' ; , !

3B' E' @2' NBF 4B ' 3' '' CBEKC2E ' LG' 7 5 8' B' B "' N ' B ' @2' 2E1F'H2F!' H2F' @2' 3 '4F 3 G' ABBF' 3' @2' BCL' B ' (BN2' 2C2E ' 5 !' * BH!' E BE B' * 'E1 'E2 ' -;8"-: ' ' 3B' LG' 'EBH' ' 2M24K 2A' E' @ 3' I2E G" @' G2 'F!

?' '' CBF ' A2' 2C 2E ' 5 !' 23 ' AK' ## ' 2N 2C LF2 ' - - : !' " ' 42 2' 2NBSK2 ' N@BE32' A2' 1KBF '2 ' ' 2H2SK2' A2' ' E 2" 1 ' @2' A23' * B @3 ' 'K' FBG 'K C 2' A2' 'N 23!' 2' ## ' 2N 2C LF2 ' 'K' C ' E ' ⇩2H2SK2' BCL '' A 'E3' KE2' 23N242' A2' 3BC C2 ' 2 @ 'F1 SK2' 'NF23' 'HB F' A ' '' C 2332 ' 2 ' N2EA ' E ' H E1 "SK ' F2' @2KF23 ' ' A2C 2KF '' 3 'E3' CBKH2C 2E ' A 'E3' 3BE' 'F 2K !' 23' 32FH 2KF3' 3⇩2 BEE 'E ' A2' 42 ' 2 ' ' 2' 2EA2C ' E ' 'H24' K ⇧ % /' BK3' E2' 3 'H2P' N ' 3 ' 2KF' A " ' SK2' ⇩ ' ' '33 3 2' 2' N ' N2' S ' H 2E ' A2' CBKF F!⇧ (2K' 'NF23 ' '' EBKH2 2' AK' A2423' A2' 2C 2E ' 'FF H '' '' ' E 2' 1 ' @2!J% G 8 ' ' % !# !$$!.' !' 7 ; 9!'

E' @2' 42E F2' B ' @2' BBF' 3' @2' F'A BE' ' 1F 'H2' B ' !' (@ N' 'EA' !' U 'C23' @2' 233 ' 2' ?' NB3 B ' J' B' I@BC' @2' 4@KF4@' 3' A2A 4 ' 2A!' E' @2' 4@B F' 'F2' CBEKC2E 3' B ' @2' 22E @' 42E KFG ' B' IB' F2 ' BE3' B ' (BN2' M K3' !' (2 FB' 'F B ' 'EA' 'FA E ' ' ' '2 B' 'F B!' B' @2' F 1@ ' 3' @2' BCL' B ' @2' @2H' 2F' * F 'FA ' LFB @2F" E" ' I ' B ' (BN2' UK K3 !' 'EA' C ' F2' A⇩@B 2 ' B' @ 'F 23 !' 'EA' BK 3' 5 !' B ' F'E42!' @2' BCL' B ' 'FA E ' ' 233 'F BE' I '3' F2CBH2A' FBC' @2' 4@KF4@ ' E' -U9 ' B' @2' 4 B 3 2F3' B ' @2' 'A B E E1

05 0' I @ 4@' 3' @2' F23 A2E42' B ' @2' *2E2F' ' B ' @2' FA2F' B ' ?' EBF ' BEH2E K' ' J' '4O' F 'F3 !' @2' ' 'F" N 242' F2NF232E 3' @2' C 'F GFABC' B ' !' (@ N' 'EA' U' C23 ' LG' 8 70

@2' @2 'F ' B ' 'F "' 2C2E E"' BL 23O ' LKF 2A' E' !' (2 2F◊3 ' I 2' B ' U' C23' !' 4' 2A' @2' F3 ' (F2 2EA2F' 3' ' 3B' NF232FH2A' @2F2 ' '3' 3' 3@B I E' LG' "' ' E' E34F N BE!'

?' 2' FB ' A◊ 1 2 2FF2' 23 ' A2HB ' "' ◊2M423◊ 3"' C ' E22' 32' N '332' 2E' NF 2F23' 'KM' ' E 3" N F23 ' NF23' AK' BCL2 'K' A2' 3"' 2C C 2!J '% ' !' : 766 6

E' \\9' @ 3' 4@KF4@' I '3' F2C 'FO 'L 2' BF' @2' 32FCBE3' B ' @2' CBEO' 2 M' (2F2 ' ' 2F I 'FA3' M K3' !

?' K H 'E ' KE' C 'EK34F ' A2' "' L L B @2SK2' 2F ' KE BKF ' N2EA 'E ' SK◊ ' 2 ' ' A 'E3' "' 4@' F2' A23' ' E 3" NB F23 ' KE' L 2 ' 4 '4@2 2' K ' K ' F2C 3' ◊' F2F2' 2 M' ◊BKHF2' 2 'G' '2E' '42' A◊KE' 42F ' E' EBCLF2' A2' NFBNBT 3 BE3' SK2' ◊BE' A 3' ' 2 F2' 2M F' 23' A2' 323' A 34BKF3 ' 42' CB ' 24F ' 2E' 1FB3' 4 'F '4 2F23-' . " !$#$/' K' C2E3 !' 2' BK1K2KM' BF' 2KF' 2K ' N2 E2' "' 4BE 2E F' 3BE' 2C B BE◊' ' 2FC E"' 3BE' 32FC BE' 2E' SK2 SK23' N 'FB 23 ' 2 ' 4BKFK ' 'K' N ' ' 3' A2' ◊ ESK 3 BE' NF232E 2F' 2' L 2 ' CG3 2F 2KM ' 2 ' A2"' C 'EA2F' SK◊BE' 2M 'C E" ' 34FKNK 2K32C 2E '3"' AB4 F E2!' 2 ' 2M' C 2E' K ' K ' 'HBF 'L 2 ' 2 ' ' K ' H ' K ' ◊' C 2' AK' 1F' EA' ESK 3 2KF' 4@ '2 ' *L 3 2F ' K ' 4BC NF ' 'K33 B ' BK ' 2' N 'F ' SK◊BE' NBKH ' ' F2F' A◊KE' @BC C 2' ABE ' 23' C B EAF23' '4 BE3' 2 ' 2E ' 2 ENF2 E 23' A◊KE2' E2LF 'E 'L 2' BF42' A2' 4 'F ' 4 2F2!J% G

E' @ 3' 4@KF4@' 3' LKF 2A' @2' GBKE1' BKE 233' 'HBF2 ' @2' 3 BFG' B ' I@B32' BH2 ' C 3 BF KE23 ' 'EA' A2' @' @' 3' L22E' 42 2LF ' 2A' LG' LBK ' KEA2F' @2' E' C2' B ' ##7' @2' 2 B' B ' @2' 3 BFG' @ 'H E1' L22E' BE2' B ' @2') BF '"('C ' 'C G!

?' @2' 4BEH2E ' I @ 4@' B "' @ 'A' 3 'E4 2A' LG' @2F' A2' @' 32E ' @F22' 2C L '33 23' E' KFE' B' L21' B' NF232FH2' @2F' F2 43◊' F2 'AG' @2' N2BN 2' 3NBO2' B ' @2F' '3" "' 3' E !' K ' BKE ' 2F' A ' 'HBF2 ' 4BE3 A2F2A' @' ' ' I '3' AK2' B' @ 3' @BEBKF' 'EA' B' @ 3' H2E12 'E42' B' L2 'F' @2F' F2C ' E3' I @' NBCN' B' @2' BCL' B '@ 3' 'C G!' 2' @ 'A' 3K 4 2E ' E K2E42' B' BL ' E' @' X' BF' I @ 4@' N2FC 33 BE' 3' EB ' 1F' E 2A' BE+2' E' 2E' G2 'F3' ◊' @2' F 1@ ' B

EE ' 9 / ' EE ' /

F'E3NBF E1'@2F'KE4BH2F2A'KNBE''L2A'B ' I@ 2'H2 H2 ' 'EA'B '3N'F E1' @2F' @2'@BFFBF3'B ''4B E!' @2'L2 BH2A'F2C ' E3' I 2F2' I F'NN2A' E' @2' I@ 2'CK3 E'FBL2'I@ 4@' 3@2' IBF2' E' @2'1'FA2E'BE' @2'A'G' I@2E' 3@2' 2M4@'E12A'@2F' 3I 22 'HB I 3' I @' 2 B!' @2' 'F4@23'' F'3 C2E ' ' 'EA' I '3 2A' '3' 3@2' I '3 ' 4'C2'@2F32 ' B' 'FF'E12' @2F' @' F' E' @2'C 'EE2F' 3@2' BH2A!' H2FG' 1'FA2E' E' BC2' A23NB 2A' 32 ' B' 32EA' @2F' 3' B I 2F30' ' I '3 ' BE G' E24233'FG' B' 4@BB32!' @2' KE2F' ' NFB4233 BE' SK 2A' @2'4@KF4@' B ' !' E BE B' LL ' 2' BE' @KF3A'G'2H2E E1' ' ' -67<' F' @2' 'E ' NB3 B ' I@2F2' @2' 2F' A 3' 'F2'LKF 2A!' @2' LBAG' I '3' NF242A2A'LG'' BE1' 2'B ' @2'L '4O' 'EA' I@ 2'4BE F' 2FE 23'2'4@'L2 'FT E1' 3'L'EE2F' @2'F2A' 1@ ' B ' @2' BF4@23' N 'G2A'KNBE' @2' 4BKE 2T E'E42'B ' @2'L2'K K 'A2'A' 'EA' 322C 2A' B' 'E C ' 2' @2F' ' F23@!' @2' N 'PP'' I '3' 2A' I @' '' A2E32' 'EA' 4 B32 G'N' 4O2A' LK ' AKCL' 4FB I A' D' EB' A 34BFA'E ' 3BKEA' FBKL 2A' @2' 1F 2 ' B ' @2' F2 ' BE3' 'EA' F 2EA3' B ' B ' ' I@B' I 2N ' B12 @2F' ' ' @2' (' 'PPB' 2E' A !!!!!!!!!!!!!!!!!!!!!!!!!

?' @2' @KF4@' B ' @2' NB3 B ' 'EA' @2' BCL' B ' @2' NBBF' BH E1' 1 F ' L24BC2' ' ' 42F ' E' A'G3' B ' @2' G2'F' 'E' BL 24 ' B ' N 1F C '12 ' 'EA' CBF2' @'E' BE2' GBKE1' BC 'E' C ' A2E' 'AA3' B' @2F' 2H2E E1' 'EG' @2' IBFA3 ' / !' B ' ' H F1 E' 'EA' C 'F GF ' NF 'G' BF' K3!(' J % 1#

UK3 ' L2GBEA' @2' 4@KF4@' 3' @2' ! 7#744 ' 80 (75 ##' @2' @BC2' B ' B ' ' ? (' 'PPB' 2F' A J' ' BE1' @2' F23 A2E42' B ' (F E42' @'F 23' A I 'FA' ? @2' '3 ' (F2 2EA2FJ ' I @B' A 2A' @2F2' E' -, ,!' 2E42' @2') 7$$# ')7(% T ' 5 0@' 3' A 3C ' ' E23' B ' ' 42A' 4BEH2E "I EAB I 3 ' 2'A3' B' @2' BKE ' E' B ' F2H !

2 KFE E1' B' @2' BF3B ' I2' N'33' F 1@ ' ! 7#744 ' : 8 7(' I 7 0 ' LK ' LG' * BH'EE ' A2 ' B33 ' E' ; ;<!' 2F2' 32 '' KBE'N'F 2% ? 'A'C2' LF2J% @2' CB @2F' B ' 'NB 2BE' !' A 2A' 2LFK'FG' 9EA' ,<;!' @2' NF232E ' @2'A' B ' @2' 'C G' 3' 'FA E' ' K4 2E" BK 3' KBE'N'F 2 ' 3BE' B ' (F E42' @'F 23' 3BE' B ' K4 2E ' 'EA' B ' (F E4233' `AE' A2 ' A'K1@ 2F' B ' # E1' UB32N@' B ' N' E!' 3' BE G' 3KFH H E1' LFB @2F' 3' (F E42' 'NB 2BE' KBE'N'F 2!' +

@ 3' N' '42' BFC3' BE2' 4BFE2F' B ' @2' ! 7447'$ ') 4 7' I@ 4@' 4BE ' E3' @2' 'FC 2E '4'3 2 ' 2A' ! 7#7 'B ' @2' 2NKL 4

9 = ' 7' % /

B ' 2E 42 ' LK ' E' : ; ,' LG' * K 'EB' A'' ' 'EB' I @' C ' 2F ' 3' N KEA2F2A' FBC' @2' B 32KC ' BF' ('K ' !' I@B' I '3' B ' 2E2 'E' L F @!' E' @2' FK E' B ' @2' F2NKL 4' @2' N' '42' 2 ' E B' @2' @'EA3' B ' K3 F ' ' 'EA' 3' 3 ' @2' F23 T A2E42' B ' @2' K3 F 'E' 'CL'33'ABF ' B' I@BC' ' I '3' 3N2T 4 ' G'F232FH2A' BE' @2' 4233 BE' B ' 2E 42' B' ' G!

NNB3 2' @ 3 ' BE' '' E2' HK @' @2' BF3B ' 3' @2' ! 7#74 ' # 7 ' LK ' LG' BE 'E'' E' ; \< ' BF' @2' B B1E2 ' 'C G!

?' BL G' 3' 42F ' E G' C BF2' @2' FK ' B ' I 2 ' @' E' ' G' @'E' E' E1 'EA!' 2F2 ' I @2F2' '' 2' 'EA' 23 ' 2' 'F2' 3B A' B12 @2F ' '' C 'E' I @B' 4 'E' LKG' @2' BE2' 324KF23' @2' B @2F!' FBC' @2' 3 ' BE' B ' '' '4SK2G ' 'E' ' 'E' I @B' 4 'E' ' C '33'F 4@23 ' C 'G'F 32' B' @' 'B 'AKO2!' @K3' BF BE ' ' @2' BC 'E' L 'EO2F ' NKF4@ ' 32A' @2' 2' 'EA' 23 ' 2' B ' @2') K4 '' A ' F'4'" 4 'EB ' 2A' KN' @2' / (' 'PPB' KBHB' A ' BF BE ' (' I @' ' ' @2' C '1E T 42E42' @' ' I 2 ' @' 4BC C 'EA30' 'EA' '' C 'FL 2' 1' 2FG ' I @' 3' NB 3@2A' BBF3 ' C BA2FE' 3 ' K23 ' N ' E 2A' 42 E13 ' 'EA' 1 A2A' KFE KF2 ' 'F' BK T 3@ E23' @2' 'A2A' 3N 2EABKF' B ' @2' @' 3' B ' @2' B A' BC 'E' EBL G!J% ' 70 6'

?' $ E' 'E4 2E' ABC 23 SK2' A2' N '42 ' A2H2EK' 3N24K ' 2KF' 2 ' L 'ESK 2F ' '4@2 2' KE' C ' FSK 3' ' NK 3' KE2' NF E4 N ' K 2!' ' 4F22' KE' C ' BF' ' NBKF' 3BE' 3' ' E2' 2 ' KE2' 324BEA2' 12E KF2' 2E' 'H2KF' A2' (' K F2!' (KE' 2NBK32' KE2' BFP '" 23 'F E ' 2 ' C ' F 2' 323' A2KM' 3' '' KE2' @ 1 ' 2 ' KE2' K3NB (' 'K F2' BL 2E ' NBKF' 2C C 2' KE2' B BEE '") BF '!' ± (23 ' ' E3 ' SK2' '' ' C E2' BF BE ' ' N 'F' '' NK 33 'E42' A2' (' F12E '2 ' '' 'H2KF' AK' 3 ' E "N2F2 ' 3(23 ' 2 2H22' NF23SK2' 3KL 2C2E ' ' '' @ ' K 2KF' A23' N K3' 1F ' EA23' C ' 3BE3' E2NB SK23' 2 ' 2BA ' 23!J% 3 #

@2' CB3 ' E 2F23 E1' B ' @2' 'E SK 23' NF232FH2A' E' @ 3' N ' '42' 3' '' L '3"F2 2 ' F2NF232E E1' '' 4BCL ' ' L2 I 22E' C2E' 'EA' 'E C ' 3 ' LFBK1@ ' @ @2F' FBC' @2' (' 'PPB' F3 E ' 'EA' NFBL 'L G' NBKF F 'G E1' @2' 'CBK3' A2A 4 ' BE' B ' @2' @2' F2' B ' 'F42 K3' BE' @' ' 3 2 ' 42 2LF ' 2A' LG' @2' 3 'K1@ 2F' B ' 3O' @KEAF2A' 'E C ' 3!' (=

@2' 2EA' B ' @2' BF3B% E 'FFB I 2A' LG' '' NFB 24 E1' I E1' B ' @2' 2E2 'E' (' '42% 3' OEB I E' 3 @2' 9 67' $ ' : 7 (

I ' L24'K32' @2F2' @2' @BF323' I@4@' FKE' E' @2' F'423' AKF E1' @2' 'FE H' ' 'F2' 4'K1@' E' 'F12' B A3' B ' AF'N2FG' 2 ' AB I E' '4FB33' @2' 3 F22 ' B' NF2H2E ' @2 F A'3@ E1' @2C32 H23' B' N 2423' '1' E3 ' 2' BNNB3 2' I ' !

B32' B' @2' 2EA' B ' @ 3' 3 F22 ' LK ' E B' @2' I ' 'B ' '' @BK32' E' @2' '' A2('F BF B' 3' BE2' B ' @2' 2 I' F2 43' B 'F2NKLT 4'E' C23' E' @2' 4 G % '') BF 4' I' @2'F E1' 'E' E34F NT BE' I@4@3 ' 23' @' ' ' I '3' 2F24 2A' LG' BFA2F' B ' @2' N2BN 2' BE' 'EA' 1F'E 2A' LG' @2' 2E' 2' B' ' K3' (KL 4 K3' LK K3 ' @2' N 2L2 'E' '2A 2' 'EA' @ 3' NB3 2F G!

@ 3' BCL' @'3' '' 324BEA'FG' E 2F23 ' '3' C 'FO E1' @2' 4BCT C2E42C2E ' B ' @2' '' 'C E ' ' '3' ' 3 BBA' K3 ' BK 3 A2' @2' (BF '' ' KC2E'' FBC' I@2E42' @' ' FB'A' 33K2A!' @2F2' 'F2' 3BC2' BL34KF2' F2C' E3' B ' 'EB @2F' BCL' BE' @2' B @2F' 3 A2' B ' @2' 3 F22 !' @2' '' 'C E ' ' O2' @2' '' NN ' ' I '3' BE42' F E12A' I @' BCL3!

FBC' @2' NF23''' A2 ' 'FL2F ' '' 3 F22 ' N'33 E1' KEA2F' 'E' 'F4@' BE' @2' F 1@ ' 2'A3' B' @2' L'40' B ' @2' 2E2 'E' (' '42 ' I@2F2' 3' @2' @8 @' ' ' 7 ' BF 1 E' G' BKEA2A' E' @2' C2' B ' BE3 'E E2 ' LK ' F2LK ' E' ,77 ' 'EA' CBARFE P2A' LG' 'FA E' ' >K F E ' E' -: :!' 3' NBF 4B ' I@4@' 3' E2A' I @' 2'F G' @F 3 'E' E34F N BE3 ' 4BE ' E3' '' E2' 22E @' 42E'" K G' ABBF I 'G ' 3KFCBKE 2A' LG' '' 1KF2' B ' !' 'FO!' @2' E 2F BF' 3' E' @2' BEE' B ' '' L'3 4' ' 3' E'H23' 'EA' ' 3 23' 32N'F' 2A' LG' I2E G' 4B KCE3 ' 'EA' 2EA E1' E' 'E' 'N32!' @2' L23 ' N 4 KF23' 'F2' !' 'F4B ' ? '' NBN2' 2E @FBE2A ' LG' 7 # ' 5 " ' F232CL E1' E' 3@'FNE233' B ' E 3@' 'EA' EA T H AK' G' @2' I BFO3' B ' 'F B BC2B' H 'E J' ;' 'EA' '' 23KFT F24 BE' LG' ! 7# 7' G 57

B

?' @2' CB3' 43' B ' !' 'F4B' 2M24K 2A' KEA2F' (BN2' *F21BFG' !' j !)!',9-",:: ' I @' ' ' @2 F' 3N 2EABKF' 2M@ L ' @2'K CB3'NBH2F G'B' 2MNF233 BE!' LBH2' @2' F LKE2' E'4 F4K 'F'4BCN'F C2E 3' 3' @2'NBF F' ' B ' @F 3' L2 I 22E' @2' 3GC LB 3' B ' @2' H'E12 3 3' 'EA' KF @2F' L2 B I' !' (2 2F' 'EA'('K ' BF' I B'NFBN@2 3' I @' 34FB 3'D' I @ E' @2' F LKE2' L2E2' @' ''@'EA' 2M 2EA2A' I @' ''I F2' @ ' 3' @2' 3 'EA E1' 1KF2' B ' @F 3' I @''E'BN2E'LBBO''EA'BE'2 @2F'3 A2' !' E12 B''EA'(BN2'*F21BFG' !' KF @2F' BE' LK ' 3 ' L2 BE1 E1' B' @2' ABC 2' 'F2' @2' @ F 22E' 'CL3' BFC E1' '' 324BEA' 'EA' SK 2' KE2H2E' 4 F4 2' FBKEA' @2' 1KF23!' @ ' 2M24K BE' 3'@2F2' 23N24 ' G'FKA2' EA'B ' FK2' GP'E E2' F 1 A G ' I@ 2' '3' ' @2''F 3 'OE2 I' @' ' @ 3' BE1' 2'E' 1KF23' I 2F2' 'EG @ E1'LK ' 324KF2' KNBE' @2 F' 22 '@2'@'3'1 H2E' @2C' 2'4@'' 32N'F' 2' 2'N2A23 ' !' @2' E23'B ' @2'AF'N2FG''F2'4@ 2 G'3 F' 1@ ''EA'N'F' 2 ' I @ 2' I @' ' ' @ 3' FKA2E233 ' ''42F ' E'N 'G'B '4B BKF'@'3'L22E'4BE F H2A'LG' @2' E FBAK4 BE' B '@ 1@' 1@ 3'B ''EB @2F'4B BKF!J% 1&

@ 3' 4@KF4@' 3' 3' A' B' @'H2' L22E' BF 1 E' G' BKEA2A' E' @BEBKF' B ' @2' H'E12 3 ' E' 77-' LG' (BN2' UA'F4B' LK ' @ 3' NBN2 ' L2 E1' @ C32 ' 4'EBE P2A ' 3' ' 3B' @BEBKF2A' @2F2 ' 'EA' 3' LKF 2A' KEA2F' @2' @ 1@' ' 'F!' E' NF ' 97FA ' !' 'FO(3') 'G ' '' 1F'EA' NFB4233 BE' B ' 4 2F1G' 3 'F 3' FBC' @ 3' 4@KF4@!' ' I '3' BF' @2' CB3 ' N'F ' F2LK ' KEA2F' *F21BFG' !' E' ,7,!'

2@ EA' @2' (' 'PPB' 2E2P '' 3' @2'H'3 ' @8 @' ' ' G 68 ' L21KE' E' \;,' LG' @2' 42 2LF' 2A' 1EB ' ' LK ' @2' 4KNB '' 'EA' '1'A2' 4BCN 2 2A' E' \-\' LG' @ 3' 34@B 'F' * 'T 4BCB' A2 '' (BF '!' E' @2' E 2F BF' 3' @2' CBEKC2E ' B ' 'FA E' ' 2 'FC E ' 'EA' H'F BK3' N 4 KF23' F2NF232E E1' 2H2E 3' E' @2' H23' BF' A2' @3' B ' @2' U23K ' 3' E 3 % @' ' B ' @2' A2' @' B ' @2' ! F'E4 3' 5 'H 2F' 3' LG' 7 # ' 7 7007 ' @2' @ 1@' ' 'F' LG' * '4BCB' A2 '' (BF ' ' @'3' E2' 4B KCE3' B ' 1 ' B"'E 4B!' @2' ' 'F B ' ! 1E' K3' ' ' @2' 2EA' B ' @2' 2 ' F'E32N ' 3' B ' 1'KAG' E 21E 42E42!' ' I '3' A23 1E2A' LG' ('AF2' (BPP ' @2' 1FBKN' B ' @2' F E G' L2 E1' LG' 2FE'FA EB' KABH 3 D' @2' 1 BL2' E' @2' @'EA' < ' 2' C 1@ G' 3' 3' A' 2

L2' @2' 'F123 ' N 242' B ' 'N 3" 'PK ' E' 2M 3 2E42!' 2E2 ' @'
@ 3' ' 'F' 'EA' L 3' 3 H2F' 3 ' K2 ' 23' @2' LBAG' B ' !' 1E' K3'
BGB ' ' E' 'E' KFE' B ' 1 ' LFBEP2 ' 'ABFE2A' I @' NF24 BK3'
3 BE23!' ' 1F2' ' 42F2CBEG' 'O23' N '42' E' @ 3' 4@KF4@' BE'
UK G' 7 3 ' @2' 2'3 ' ' !' 1E' K3 ' 'EA' BE') 242CL2F' 7 3 '
'' 2') 2KC' 3' 3KE1' @2F2' BF' @2' C2F4 23' B ' @2' N '3 ' G2 'F ' E'
@2' NF232E42' B ' @2' NBN2 ' 4 'FA E ' 3 ' 'EA' @2' N2BN 2' B ' BC2 '
% '' F2 ' G' 3B 2CE' 'EA' CNF233 H2' 32FH 42!

@2' 5 0' '0@ ' G 60 ' 3' @2' F23 A2E42' B ' @2' * 2E2F ' ' B '
@2' U23K 3' ?' 3' (' 2FE G' J ' ' 'EA' @2' 42E F2' B ' F2 1 BK3'
2' E' @2 F' BFA2F!' @2' FBBC3' E' I @ 4@' !' 1E' K3' H2A'
'EA' A 2A' 'F2' B ' @2' A22N23 ' @ 3 BF 4' E 2F23 !' @2G' 4BE3 3 '
B ' BKF' 4@ ' CL2F3!' @2' F3 ' EB I ' '' 4@ ' N2 ' 3' @ ' ' E' I @ 4@'
@2' IFB 2' @ 3' ?' BE3 K BE3!J' @2' 324BEA ' ' 3B' '' 4@ ' N2 '
3' @ ' ' E' I @ 4@' @2' A 2A!' ' 4BE ' E3' @2' ' 'F ' ' I @ 4@' @2'
A ' G' 42 2LF ' 2A' C '33 ' 'EA' @2' 'K B1F ' N@' 2E1 '12C2E ' B'
H2' KEA2F' @2' 3 ' C2' ' I3' B ' BL2A 2E42 ' NBH2F G ' 'EA' 4@ ' 3T
G ' 3 1E2A' LG' 'GE2P ' F 'E4 3' 5 'H 2F ' 'EA' 1E' K3'
BGB '!' E' 3' I ' 3' 'F2' IB' NBF F ' 3' B ' 1E' K3' BGB ' '
BE2' '3' '' GBKE1' OE 1@ ' @2' B @2F' '3' '' U23K ' ' @2F ' 'EA'
NBF F ' 3' B ' !' 'F B' BFFBC2B' 'EA' !' NNB' 2F !' ' I '3'
E' @ 3' 4@ ' CL2F ' ' 3B' @ ' ' !' F 'E4 3' BF1 '' A 2A!' @2' @ FA'
FBBC' IC3 @ ' ' B ' @2' ' 2EA ' E ' CBEO' B ' !' 1E' K30' @2'
BKF @' 3' EB I ' '' O EA' B ' CK32KC' B ' F2 43' 4BE ' E E1' NBF BE3'
B ' @ 3' FBL23' 'EA' 3C ' ' 'F 4 23' I @ 4@' L2 BE12A' B' @ C' 'EA'
B' B @2F' 3 ' E 3' B ' @2' FA2F!

'4 E1' @2' @KF4@' B ' @2' * 23 ' 3' @2' ! 7#744 ' #0 '
LK ' LG' 'FA E ' ' 2F ' E' ; -< ' FBC' A23 1E3' B ' * BH!'
E BE B' B33 !' =

? >K 'EA' 2' N ' ' 3' 2F ' ' '4@2H2 ' 23' 2F ' E2H2KM' 4 2' 2C 2E
5 ' EH 2F2E ' 2KF' BE4 2' '' R ' H2E F' HB F!' '3 G' 'NBF 2F ' 2 ' A 'K33 ' B E'
! ! *

SK ' 'N2F K ' '' C '1E 42E42' 2 ' 2EAK2' A2' 42 2' 3KN2FL2' 'LF SK2 ' ' F2LBK33'' 4@2C E' 2' 4B2'F' 32FF2 ' 3'E3' A F2' 'E' 32 ' ' C B ' 2 ' C B'F' ' N2 '' 'NF '!'> (! ! .

H' E' @2' 3 ' F4 '32' B ' @2' (' 'PPB' 2F ' 3' 'E' 'E4 2E ' 4B B33' 'C 'FL 2' , $&! .' B '3 '4@' 2M F 'BFA E 'FG' 3 P2 ' @ ' ' 3' F2 ' G' I BF @' ''H 3 !J% ' / # $

@ 3' N' '42' I '3' @2' F23 A2E42' B ' @2' ' 2' EBL 2"@2 'F 2A' H 4 'F"12E2F' ' 'FA E ' ' 2F ' I@B' A 2A' '' C 'F GF' B' @ 3' AW" HB BE' B' @ 3' B4O' '3' 3@BN' B ' L 'EB ' AKF E1' @2' 2FF L 2' H 3 ' BE' B '4@B 2F '' ' ' L 'EB' E' , ; -!

@2' ! 7447'$ #G 6@' 3' 4BE3 A2F2A' B' L2' @2' CB3 ' AF 'K1@ G' N '42' E' BC 2!' @ ' 212EA' FKE3' @ ' ' @2' A2H ' 'EA' @2' I EA' I2F2' BE2' A 'G' 'O E1' '' I ' O' B12 @2F!' @2E' @2G' 4 'C 2' B' @ 3' 3SK 'F2 ' @2' A2H ' I@B' 322C 2A' B' L2' H2FG' A2T HBK ' 3' A' B' @2' I EA ' ? UK3 ' I ' ' '' C EK 2 ' C B' 4 'FB ' I@ 2' ' 1B' E B' @ 3' 4@KF4@!J' B' @2' I EA' NFBC 32A ' 'EA' @2' A2H ' I 2E ' E B' @2' * 23@ ' 'EA' @ '3' E2H2F' 4BC2' BK ' '1 ' E% 'EA' @2' I EA' 3' L B I E1' 'LBK ' E' @2' ('PP '' A2 ' * 23 ' B' @ 3' A 'G!

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= @2ˢ BFGˢB ˢ @2ˢ %('PP''A2' 'CN AB1 B% (' '42'B ˢ @2ˢ 2E' BFˢ
% 2I' FBCˢ @2ˢ 'N B ˢ BI2F% @2ˢ 'LK 'FKC% @2ˢ K32Bˢ
'N B EB% *' 2FGˢ B ˢ 'K23% (' '42ˢ B ˢ @2ˢ BE32FH' BF3%ˢ
*' 2FGˢB ˢ (4KF23% (' 'PPBˢ ' 'F2 % 'FN2 'Eˢ B4O% BEH2E ˢ
'EAˢ @KF4@ˢB ˢ F'" 42 % 'C2F E2ˢ(F3BE3!

6 ˢ 'N B E2ˢ I'3ˢ @2ˢ @ ˢ B ˢ @2ˢ 0E13ˢ 'EAˢ @2ˢ
F2NKL 4ˢ'3ˢ @2ˢ (' ' E2ˢ I'3ˢB ˢ @2ˢ 2CN F2!
E F2Gˢ 4BCNB32Aˢ B ˢ K' ˢ 3ˢ 3A23ˢEB I ˢ4BE42' 2Aˢ LGˢ
LK A E13ˢ BFˢLGˢ @2ˢ '44KCK ' 2Aˢ FKLL 3@ˢB ˢ''123ˢI2F2ˢ'LFKNˢ
'EAˢ NF24N BK3ˢ'3ˢ 'F2ˢ3 ˢ @2ˢ 3A23ˢB ˢ @2ˢ E2 1@LBKF E1ˢ
4 'A2 3ˢB ˢ BFE2 Bˢ'EAˢ 2FH2F!ˢ ˢI'3ˢKE 2Aˢ Bˢ @'ˢ>K F E' ˢ
LGˢ'Eˢ 3@CK3ˢB ˢ'EAˢ4Kˢ' I'GˢLGˢ F' 'Eˢ LKˢ Eˢ 2H2FGˢB @2Fˢ
A F24 BEˢ I'3ˢ 3B ' 2Aˢ LGˢ 3ˢN2FN2EA 4K 'Fˢ 4 3ˢ0%

?' FAKK3ˢ EH' 23'2' BF''4 HK3ˢ2F' !J
*5.ˢ) #ˢ !' 9;:!

$Nˢ Bˢ @2ˢ C2ˢB ˢ @2ˢ 'FSK E3ˢ ˢLBF2ˢ @2ˢE'C2ˢB ˢ BE3ˢ
'KCK3 ˢ FBCˢ @2ˢCG @4'ˢ0E1ˢ 'KFEˢ I@Bˢ 3ˢF2NBF 2Aˢ Bˢ
@'H2ˢ4BC2ˢ Bˢ 'Gˢ Eˢ @2ˢF2 1Eˢ B ˢU'EK3ˢ'EAˢ Bˢ@'H2ˢC'A2ˢ
'ˢ32 2C2Eˢ@2F2!ˢ 3ˢE'C2ˢI'3ˢA2F H2Aˢ FBCˢ3BI E1ˢ 'EAˢ
@2ˢI'3ˢ BB02Aˢ KNBEˢ '3ˢ @2ˢ E F4 AK42Fˢ B ˢ4H P' BEˢ 'EAˢ
3B4 'ˢ BFA2Fˢ LB @ˢ B ˢI@4@ˢ 'F2ˢ E32N'F'L Gˢ4BEE24 2Aˢ I @

ˢ 'FFBˢN2' E !ˢ 'ˢ!'H':9!

'1F 4K KF2!ᶠ 3ˢ F2 1Eᵉ @2F2ᶻ I '3ˢ @K3ˢ 4BE3 A2F2Aˢ Bˢ L2ˢ @2ᶻ 1B A2Eᵉ '12ᶻ B ˢ ' G!ᶠ 3ˢ I 2ᶻ I '3ˢ N3ˢ @2ᶻ F2NF232E ' H2ˢ B ˢ N 2E G!

?' ⟨23 ' '' F'A BEᵉ A⟨KEᵉ '12'A2ᶻ N' Mᶠ F2NF&2E 2ᶻ N'Fᶠ 2ᶻ F21E2ᶻ N' 3 L 2ᶻ A2ᶻ ' KFE2ᶻ⟨ 'H'E 'SK⟨ 'G'2K ' KE2ᶻ 3 .ᶻ H 2ᶻ A2ᶻ '' BF42 ' 'G'2K ' E2ᶻ #1 $.ᶻ H 2ᶻ A2ᶻ ''N' M!J% 3' !.ᶻ #ˢ 3' !ᶠ ,;!

F1 ˢ F2NF232E 3ˢ H'EA2Fˢ @2ᶻ CG @ 4'ˢ O E1ˢ B ˢ @2ᶻ (' '"ᵐ E2ˢ '3ˢ 2M@ L E1ˢ ' KFE ' ˢ ' F2'AGˢ Eᵉ FK E3ˢ Bˢ ! E2'3!

?' '24ᶻ AKBᶻ NF# 2F2''A 3 24 3ᶻ BNN A'' CKF 3
2 SK '3ᶻ H2 2FK C SK2ᶻ H A23ᶻ C BEK C 2E ''H FBFK C !
'E4ᶻ U'EK3ᶻ N' 2F' @'E4ᶻ ' KFEK3ᶻ 4BEA A ''F42C'⟨
U'E 4K KC'@K 4' ' K2F' ' ' KFE ''EBC 2E!J
?/$ᶻ H !ᶠ 7\;!

@2Eˢ BCK K3ˢ @'Aˢ M2Aˢ @ 3ˢ 32 2C2Eˢ KNBEˢ @2ᶻ (' 'T E2ˢ @2ᶻ BN2E2Aˢ 'Eˢ '3G KCˢ Bᶠ K1 H2ᶻ 3 'H23ᶻ KNBEˢ @2ᶻ @2Eᵉ A232F 2Aˢ ' KFEK3ˢ 'EAˢ @2F2ˢ ' ˢ ''ˢ 3'4F2Aˢ B'O ᵒ @2ᶻ 3ᶻ 3' Aˢ Bˢ @'H2ᶻ B 2F2Aˢ KNᶠ @2ᶻ 3NB 3ˢ B ˢ @2ᶻ '24 E2E323ˢ 'EAˢ @2 Fᶠ O E1ˢ 4FBE ˢ I @Bˢ @'Aˢ C'A2ᶻ ''ˢ I 'Fᶠ B ˢ F2NF 3' ˢ!KNBEˢ @ C ˢ ' 2Fᶠ @2ᶻ F'N2ᶻ B ˢ @2 Fᶠ IBC2Eᵉ Eˢ @2ᶻ 'CNK3ˢ 'F K3ˢ D @2F2ᶻ ' 3Bᶠ @2ᶻ HB I 2Aˢ Bˢ LK Aˢ ''ˢ 2CN 2ᶻ Bˢ UKN 2Fᶠ 2F2 F K3ˢ I @2F2ᶻ 3NB 3ˢ 3@BK Aˢ ' I 'G3ˢ L2ᶻ B 2F2A!ᶠ K ˢ Eᵉ @2ᶻ C2'E C2ˢ @2ᶻ 'L E23ˢ KEA2Fᶠ K3ˢ ' K3ˢ L23 212Aˢ 'EAˢ BBOᵒ @2ᶻ @ ˢ @'H E1ˢ ''1' 2ᶻ B ˢ 3ˢ BF F233ˢ 3' Aˢ Bˢ @'H2ᶻ L22Eᵉ BEᵉ @2ᶻ '342E ˢ 'LBH2ᶻ @2ᶻ 3NB ˢ I @2F2ᶻ @2ᶻ 'F4@ᶠ B ˢ 2H2FK3ˢ EB I ˢ 3 'EA3ˢ BN2E2Aˢ Bˢ @2Cˢ LGˢ 'FN2 ' ˢ I @Bˢ 1'P2Aˢ I @ˢ BE1 E1ˢ KNBEˢ @2ᶻ 1B A2Eᵉ LF'42 2 3ˢ B ˢ @2ᶻ I 'FF BF3ˢ 'EAˢ BL ' E E1ˢ ''ˢ NFBC 32ᶻ Bˢ F242 H2ᶻ @' ˢ I @ 4@ˢ @2Gˢ IBF2ᶻ KNBEˢ @2 Fᶠ 'FC3ˢ I '3ˢ 4FK3@2Aˢ LGˢ @2 Fᶠ 3@ 2 A3ˢ '3ˢ @2Gˢ 2E 2F2A!ᶠ BC2ᶻ 'K @BF 23ˢ @B I 2H2F ˢ C ' ET ' Eᵉ @' ˢ 3@2ᶻ '3O2Aˢ 'EAˢ BL ' E2Aˢ @2ᶻ @'EAˢ B ˢ O E1ˢ ' K3!ᶠ FBCˢ @ 3ˢ C2ᶻ @2ᶻ @ ˢ I '3ˢ 4BCN 2 2 Gˢ B44KN 2Aˢ LGˢ @2

:ˢ C @⟨3ˢ BC'Eᵉ G @ B1G!

' ! "' # $ ' $

'L E23' 'EA' 3' E' C2' L24' C2' N' F ' G' C2F12A' E' @' ' B '
7 6' 7 9 7' I @ 4@' 3' 3BK @2FE' 3 A2' @'3' ' I 'G3' F2 ' E2A!'
2LK@F' 3 ' 23' @' ' ' 3' '' NBNK 'F' 3KN2F3 BE' @' ' @2'
L2' K K' 'FN2 '' 3 ' 3 3' 3N' FO E1' I @' 1B A' 'EA' 2I2 3'
2E4@' E 2A' 'EA' CB BE 233' E' '' 4' H2' E' @2' 42E F2' B ' @2' @ !
2F' @2' A2' @' B ' ' K3' @2' 'N B E2' '1' E' 2 ' KEA2F'
@2' 1BH2FEC2E' B ' BCK K3' 'EA' @ 3' 3K44233BF' KC '' (BC'"
N K3' BKEA2A' @2F2' '' 2CN 2' B ' A23' (KL 4' ' E' I6@ 4@'
@2' 'C2E3' I2F2' ' I 'G3' B' 3' 4F 42' I @' '' 2 ' BE' @2 F'
F 1@' @' EA3' E' 3 1E' B ' A2 G!' B' KC '' ' 3B' 3' ' F LK 2A'
@2' I BF3@ N' B ' @2' 1BA' 2FC EK3' I6@B' @' A' '' 2CN 2' @2F2' E'
H2FG' 2' F G' '123!
$ EA2F' 'FSK E K3' KN2FLK3' ' \7\' @2' C' 1E 42E'
9# ' ' 89 0 ' 79 0 # 86' I @ 4@' @' A' L22E' HB I 2A' LG' @ 3'
' @2F' I '3' LK ' I @' CBE2G' '02E' FBC' @2' B 34 'E3' E'
I 'F!' E' A 11 E1' 3' BKEA' BE3' @2' @2' A' B ' '' C' E' I '3'
BKEA' 3 ' L BBAG' 'E' BC2E' I 4@' I '3' E 2FNF2 2A' LG' 'E'
FK34' E' 'K1KF' B' NBF 2EA' @' ' BC2' I BK A' L24BC2' @2'
@2' A' B ' ' G!' E' 4BE32SK2E42' B ' @ 3' @2' E' C2' B ' @2' @ '
I '3' BE42' CBF2' 4@' E12A' 'EA' @' 3' 2H2F' 3 E42' LX2E' 6'
79 0 # 86' BF' 'N B KC!
@2' 3 2' B ' @ 3' 2CN 2' @' 3' ' I 'G3' L22E' BE2' B ' @2' H2M2A'
SK23 BE3' B ' @ 3 BFG!' ' @2' C2' ' I '3' LK ' '3' EB I ' @2'
@ ' 4BE3 3 2A' B ' IB' N2' O3' I @' '' 2H2' 3N' 42' L2 I 22E'
@2C!' 2LK@F' 'EA' *F21BFBH K3' N '42' @2' 2CN 2' BE' @2'
3BK @"2' 3 2FE' @2 1@ ' LK ' 'E E'' 'EA' B @2F' 'K @BF 23' I @'
CBF2' NFBL' L G' E4 E2' B' @2' EBF @"2' 3 2FE' 2C E2E42' @2'
NF232E' 3 2' B ' F'" 42 ' L24' K32' ' CBE1' C' EG' B @2F'
F2' 3BE3' @2' 2CN 2' '42A' @2' 3 K @' 'EA' ' 3B' @2' BFKC '
I @ 4@' ' 4BK A' EB ' @' H2' ABE2' KNBE' @2' 3BK @"2' 3 2FE'
3KC C D 'EA' ' 3B' 4' K32' @2' 4 'A2' 3' ' I 'G3' F2NF2"

32E 2A' '3' @ 'H E1' L22E' E2 'F2F' B' @2' L2F' @ 'E' @2' 2CN 2' 0
BF' I @2E' 2FABE K3 ' 'EA' @2' * 'K 3 ' 'FF H E1' LG' @2' F H2F '
34' 2A' @2' @2 1@ 3' B ' @2' 'N B ' ' I '3' @2' 07$ # I @ 4@'
L 'FF2A' @2 F' N' @ ' 'EA' E' I @ 4@ ' E' @2' ' 2F' 4 '32 ' 'E K3'
I '3' ' I 'O2E2A' LG' @2' EB 32' B ' @2' 3 '4F2A' 12232' B 'UKEB!

@2' 2CN 2' B ' UKN 2F' B44KN 2A' '' B G' N ' BFC ' @2'
3KCC ' B ' @2' FB4O' L2 E1' 2H2 2A' B' F242 H2' !' 3' '8 'A2'
I '3' A24BF' 2A' I @' @F22' F 'E123' B ' 4B KCE3 ' 'EA' 3' 3 A23'
LG' '' 3 E1 2' 4B BEE 'A2!' ' I '3' E2 'F G' 3SK 'F2 ' L2 E1' 9<<
BC 'E' 22 ' E' 2E1 @ ' 'EA' , \' E' I A @! ' @2' E 2F BF' I '3'
A H A2A' E B' @F22' 42 3' 0' @2' 1KF2' B 'UKN 2F' B44KN 2A' @' '
E' @2' 42E F2 ' E2FH '' I '3' BE' @ 3' F 1@ ' 'EA' UKEB' BE' @ 3'
2 !' @2' 1KF2' B 'UKN 2F' I '3' @2' I BFO' B ' 'E' 'F 3 ' B ' @2'
B 34 'E' 4 G' B ' F212 e2 ' 'EA' I '3' BFC2A' B ' 2FF '"4B ' '
N' E 2A' O2' @2' 3 ' K23' I @ 4@' I 2' C 'G' 3 ' 322' E' @2'
FK34 'E' CK32KC' ' ' @2' ' 4 'E ' 'EA' 4 B @2A' I @' @2' KE 4 ''
N' C ' ' ' 'EA' @2' B1 '' N 4 ' ' @2' 4B3 KC2' B ' H 4 BF BK3'
12E2F' 3!' E' @ 3' F 1@ ' @ 'EA' I '3' '' @KEA2F"LB ' 'EA' E' @ 3
2 ' '' 3N2 'F!

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?'UKN 2F' 'E1K3 '' H M' B K3' 3 'L' ' E' A2 0
ESK2' UBH 3' A2M F'' 4 2' K C 2E' 2F' !J
* 5.') #' !' 9<9!

' '' ' 2F' N2F BA' @2' 3 ' K2' I '3' BFC2A' B ' 1B A ' LK ' @ 3'
1KF2' @ 'A' 42 '32A' B' 2M 3 ' E' @2' C2' B ' (EG!' j' @2E'
'F ' ' IFB 2 ' @2' 3 ' K23' B 'UKN 2F ' UKEB ' 'EA' E2FH ' '
I 2F2' ' ' 1 !

?' 4F N K3' 23' 2 2CB' EKE4' NF CKC 'UKN 2F' 'KFB
'3BFBF' 2 '3KC C ' '' B '' N' F 3!J
' # ":' M !' / ' ' \!

E' @2' I ' ' 'A B E E1' @2' 42 '' B ' E2FH ' ' '' E' ' I '3
-' FKHK3' H! -' ! ' (EG' . . . 9 0' (EG' H ' 78!

/ /')'4#)" / ' ' -

'3 2E2A' 2H2FG'G2'F' B' C'FO' @2' 'N32' B' C2!' E' @2' 42E F2' B' @2' 2CN 2' I'3' @2'3 ' K2' B' 2FC EK3!

? @2' 3KCN KBK3' 'E2' B'UKN 2F' 'N B EK3' @'A' N24K 'F' 4 ' C3' BE' @2'H2E2F' BE'B ' @2' BC 'E'4 P2E3'D' BF'EB ' BE G' @2'1F2' ' BFA' B ' @2' 2'F @' I '3' IBF3@ NN2A' E' ' LK ' @2' 4BE32FH' H2' NF E4 N 2' B ' NFBN2F G' 32 ' BKEA' @2F2 E' 3' 'NNFBNF ' 2'3GCLB !' @ 2' @2'3 ' K2' B 'UKN 2F'B44KN 2A' @2'K3K' 'N '42'B ' @2'A H E G' E' @2' KF @23 ' F24233' B% @2' LK A E1' 'E' C'12' B ' @2'1BA' 2FC EK3' I '3' ' 3B' N '42A' E' @2' 42E F2' B ' @2'E'H2 ' I@ 4@' I '3'BN2E' B' @2' @2'H2E3!' 'H2E2F'L 2' 212EA' ' FC2A ' @' ' I@2E ' E' @2' C2' B ' @2'O E13 ' ' I '3'F2SK 3 2' B'4 2 'F' '' 3N '42'BE' @2' 'N B E2' B' 2F24 'BE' ' '' 2CN 2' B' @2'1F2 ' ' @2F' B ' @2' 1BA3 ' 'EA' @2'3@F E23' B ' @2' 2332F' A H E 23' I 2F2' B'L2' F2C BH2A' BF' @2' NKFNB32 ' 2FC EK3' ' BE2 ' @2' N ' FBE' B ' LBKEA 'F 23 ' F2 K32A' B'SK '@ 3' N '42 ' 'EA' A2C 'EA2A' B' L2' E4 KA2A' E' @2' I ' 3' B ' @2'E2 I '2A 42!' @K3' NFBN ' 2A' @2' I '3' KEA2F3 BBA' B' A24 'F2' @' ' @2E42 BF @' @2' LBKEA3' B ' @2' F2NKL 4' 3@BK A' E2H2F' L2' F2C BH2A'D' 'EA' @2' N 2A12' I '3' CBF2' @'E' K 2A' LG' @2' 2H2F' E4F2 '3 E1' 4 F4K ' B ' @2F' ABC E BE!J' % 57# ' 7 6' " $ '0@ ' 9

@2'1' 23' B ' @2' 2CN 2' I 2F2' B '1 'LFBEP2 ' 'EA' 3' N 'H2T C2E ' B ' CB3' 4'D ' E' '' H 'K ' L2E2' @' I 2F2' NF232FH2A' @2' GL E2' LBBO3' N '42A' @2F2' LG' 'FSK E!' @2' LK A E1' B ' 'FSK E' '3 2A' :<< G2'F3 ' 'EA' I6'3' LKFE ' AB I E' N' @2' 4 H ' I 'F3 ' !4!' ,7!' ' I '3' F2LK 'H2FG' 3BBE' ' 2F I 'FA3' LG' G ' ' 'EA' 'ABFE2A' I @' 4B KCE3' B ' (2E 2 4' C 'FL 2 ' I@ 4@' @2' @'A' LFBK1@ ' FBC' @2' 2CN 2' B ' UKN 2F' GCNK3' ' ' @2E3! ' G ' ' @B I2H2F ' A A' EB ' H2' B' F2A2A 4 ' 2' ' 'EA' ' I '3' E 3@2A' LG' >!' K ' K3' ' K K3 ' !4!' ;9!' @ 3' 2CN 2' '3 2A' ' ' I '3' LKFE ' B' @2' 1FBKEA' LG' @2' 3B A 2F3' B ' 2 K3 ' I@B' 32 ' F2' B' ' LG' @FB I E1' BF4@23' KNBE' @2' NBF 4B ' & ' ;8 ' 'EA' AF'11 E1' BF @' 'L EK3 ' @2' LFB @2F' B ' 23N '3 'E ' CKFA2F2A' @ C' ' ' @2' BB ' B ' @2' 'N B ' E2 'F' @2' 'C2F E2' (F 3BE3!'H') BC 'E

' HG 'H ! 7! ' (EGV M A ! ,! U (EG 'MMMH ! \! H' '4 K3 ' 3 ! ! -:!

@2 GBKE12F 3BE B 23N'3 'E I'3 ' @' C2 E @2 2CN 2 I @ @ 3 KE4 2 'EA 234'N2A E @2 AF233 B ' NF 23 E 4BCC2CBF' BE B I@ 4@ @2 2F24 2A ' 4@'N2 B UKN 2F BE32FH' BF 4 B32 B @2 2CN 2 I @ 'E ' 'F KNBE I@ 4@ @ 3 'AH2E KF2 I'3 34K N KF2A! @2 2CN 2 I'3 F2LK LG 23N'3 'E I@B BBO 3B 1F2' 'E E 2F23 E @2 IBFO @' @2 4'FF 2A ' I 'G 3BC2 B @2 FKLL 3@ BE @ 3 BIE 3@BK A2F^ LK @ 3 2CN 2 I'3 @2 2M'4 O2E233 B 3 NF2A24233BF BE G @ 1@2F '3 @2 'FK3N 423 3' A @' @2 1BA3 IBK A EB ' BI ' B L2 ' 2F2A! E @ 3LK A E1 K3 'EA 23N'3 'E 42 2LF' 2A @2 F F KCN@ BF @2 ' B U2FK3' 2C! @2 FK E B @2 2CN 2 L21'E E & : <: AKF E1 @2 3@BF H 3 B @2 GBK @ K CN2FBF BEBF K3 B BC2 I@2E @2 N ' 23 B 1B A I@ 4@ E2A 3 ABBF3 I2F2 3 F NN2A B LG 4@B! I'3 E' G N KEA2F2A LG @2 'EA' 3 E & : \\ I@2E 3 3 ' K23 I2F2 4'FF 2A B B 'ABFE @2 F 4'E N' '42 B *2E32F 4 'EA @' 3 FBB I'3 3 F NN2A B @2 1 LFBEP2 23 I@ 4@ 4BH2F2A LK 3 EB OEBIE NF24 32 G I@2E 42'32A B 2M 3 % @2 2'F G ' @2F3 B F2 @F 3 'E @KF4@ 3N2'O B V'HE1 322E ! @2 3 BFG @' @2 LFBEP2 3 ' K2 B UKN 2F L2 BE1 E1 B @ 3 2CN 2 I'3 F'E3 BFC2A LG 2B ! E B @2 'CBK3 C'12 B ! (2 2F 3 H2FG ABKL K!

B32 L23 A2 @ 3 @2 SK22E B BC'E 2CN 23 3 BBA @2 9# 'E $ 6 3' A B @'H2 L22E BKEA2A LG KC ' I@2F2 @2 32E' 2 I2F2 '332CL 2A ' @2 C2 B @2 CKFA2F B L2F K3 *F'44@K3 77 I@B 2 E FBE B @2 2CN 2 B UKN 2F ' @2 BB B @2 3 'K23 B @2 O E130 @ 3 L BBA L2 E1 @2 F3 3N E BC2 E ' 4 H I'F!U 2'F @ 3 ' 3B I2F2 @2 I E 9# 6 7 6 $) 86 3 7 HBI2A ' 2F @2 L' 2 B @F'3GC2E2 'EA 4BE"

' '4 K3 3 H \7! ` B3 CK3 L H" 4! 7,! ' 2F K!!3 'M CK3 ! 7! 7!

324F' 2A' ' 9 \' LG' @2' 4BE3K 3' >!' 'L K3' 'M CK3' 'EA !' '4 K3' F'33K3!' 2'F' @2' BN' B ' @2' HK3' I '3' @2 9#' ' 89 0 ' 7 6' LK ' LG' K1K3 K3 ' E' 4BE32SK2E42 B ' '' HB I' I @ 4@' @2' C 'A2' E' 'E' 2MN2A BE' '1' E3 ' @2' 'E 'LF' I @2E' @ 3' 2F' I '3' 3 FK4O ' 'EA' @2' 3 'H2' I @B' NF242A2A' @ C' I '3' O 2A' LG' 1@ E E1!' @ 3' 2CN 2' I '3' 3B' E2'F ' @' ' ' H'3' 4BE3 A2F2A' '3' '' NBF4@' B' @' ' B ' UKN 2F' 'N B EK3 ' 'EA' E' BO2E' B ' @' ' 4@'F'4 2F ' K1K3 K3' @KE1' 3BC2' L2 3' KNBE' 3' N2A C2E !

E' @2' FM ' BF' BNNB3 2' @2 1@ ' B ' @2' 'N B ' I '3' @2' 9#' ' > 8 '7 $') 08 ' LK ' ' <7 ' LG' 'F K3 ' I @' @2' 3NB 3' 'O2E' E' @2' CLF 4' I 'F3!' @ 3' 2CN 2' I '3' B ' 3K T 4 2E ' 3 P2' B' ' B I ' B ' @2' 32E' 2' C 22 E1' @2F2 ' B' N '33' @2' A24F22' BF' 42FB\3 F24' ! ' 2F2' 'FA E ' N '423' @2' 'E4 2E ' 0 9#' ' 89 0 ' E 0 86 ' E' I @ 4@' BCK K3' A2A 4' 2A' @2' F3 ' 3NB '' BN C'!' 2F2 ' BE' @2' 3 2' B ' @2' @BK32' B ' 'E K3 ' I '3' LK ' @2' 9#' ' 8 ' 07' ' 7 : \ ' E' '44BFA' E42' @ '' HB I' B ' !' KF K3' 'C K3! ' E' @ 3' @2 1@ ' ' 3B ' I '3' @2' #07 ' ' 89 0 ' ! 60 ' I @ 4@' 4BC C2CBF' 2A' @2' 3 F'T '12C' B ' @2' BC 'E3 ' I @B' @F2 I ' AB I E' B 'H23' E]' @2' 4' CN' B ' @2' L23 21 E1' * 'K 3 ' B' A242 H2' @2C' '3' B' @2' 3 ' 2' B ' @2 F' 3KNN 23!' U

?' BC E2 ' SK ' C' NF2 B' 42 2LF' BF' ' F42' BE ' E 3
) 4 ' C' (3 BF 3' SK A' H2 ' ' F' ' UBH 3!J
' * 5.') #' H !' 7' _ 8!

' I '3' NFBL' L G' ' 3B' BE' @ 3' 3 A2' B ' @2' @ ' @' ' @2' 1 1 'E 4' 0708 ' ' 89 0 ' 3 BBA ' I @ 4@' '3' BFC2A' BK ' B ' @2' 'FCBKF' 'O2E' FBC' @2' 'CE 23' ' 987' 'EA' I @ 4@' 3' 3 ' 2A' LG' (EG' B' @' H2' L22E' B ' 3K4@' '' 3 P2' @' ' ' I '3' H 3 L 2' FBC' @2' BN' B ' BE 2' 'HB!

' FKH K3 ' f 9 0' (FBN2F K3 ' H!' ' : \' 0 4!' NFB' ('E2! 79'
' HG ' 9<! g HG ' H!' :,!

I B' 4 3' 'F2' EB I' F H' ' 4 ' C 'E 3' B' L2' 4BE3 A2F2A' '3' @2'
'FN2 'E' B40' ' LK ' ' 3' CB3 ' NFBL 'L 2' @' ' @2' I @B 2' B '
@2' @ ' BE' @ 3' 3 A2' B ' @2' E 2FCBE KC' I '3' 4' 2A' @2'
BE3' 'FN2 ' ' 'EA' I '3' 42 2LF' 2A' KEA2F' @' ' E' C2' LG' @2'
NB2 3!

?' E' 3KC C B' 4K3 B3' 'FN2 '3' 'E K3' 'F4 3'
'L' 'NFB' 2C N B ' 2 ' 'N B ''42 3'' 2E2L' '0
BC K 2BSK2' F242E3' @BFF2L' 'F21 ''4K C B!
SK2'@ 2' 'KF' 3' HB 'E3' 'F12E 2K3' 'E32F'
(BF 4 LK3 ' * ' B3' E' C E2' 'A2332' 4 'E2L' !J
9 &".' /$' H !' ; \9!

?' KF2'' 'FN2 ''NBE2 ' 'N B ''F'N2
' KE12 'EB3 FB' 2C N BFKC' 4K C E''442 B!J
"' # "' ' ;97!

!' !' !' ? KH' ' E 2F' 24 '' BE'E 3
2C 2F2' 'FN2 ''N2EA2E 23' F'N2' * 1'E 23!J
" 15.' H !' $ ' $' : :!

CBE1' @2' LK A E13' KNBE' @2' 0 0 0 8 ' BF' 3N'42'
L2 I 22E' @2' IB' @2 1@ 3 ' I 2F2' @2' 'LK 'F KC ' BF' 24BFA'
42 ' N'F ' B ' I @ 4@' 3 ' F2C ' E3D' '' NBF 4B ' LK ' LG'
4 N B' '3 4' ' 'EA' 'E' 'F4@' I @ 4@' 2FB' LK ' @2F2' B' @ 3'
B I E' @BEBKF' @2' 2F24 BE' B ' I @ 4@' KNBE' @2' 3'4F2A' @ '
@ @2F B' A2HB 2A' B' @2' 1BA3 ' I '3' F21'FA2A' 2H2E' LG' @2' 3KLT
32FH 2E '32E' 2' '3' 'E' KEN'F' 2 2A' '4 ' B 'NF23KCN BE' '
E' C2A '2H' ' C23' @2' F2HB K BE'FG'!1BH2FEC2E 'B ' FEB A'
B ' F234 '' 23 'L 3@2A' 32 ' BE' @ 3' @ ' : : ' 'EA' (BN2'
K4 K3' !' E' ' 2CN E1' B' F21' E' @ 3' 2CNBF' ' NB I 2F' I '3'
3 ' E' I @' '' 3 BE2' E' ' '40 E1' !' 2F2' (2 F'F4@' F242 H2A' @ 3'
'KF2 ' 4FB I E' 7 : D' 'EA' @2F2' @2' F LKE2' 2EP ' NFBCK T
1' 2A' @2' ' I 3' B ' ?' @2' 1BBA' 23 ' 2!J' ' @ 3' C2' EB @ E1'
2M 3 2A' BE' @2' 'N B ' LK ' @2' 4@KF4@' 'EA' 4BEH2E ' B ' F'"

;' 2 2 K3' (' 2F4!' !' 7! ' 22' 2F H' 2 ' 3 ' B ' @2' BC 'E3' HB !' H

42 ' 'EA' '' 2 I' FK E3!' 2 ' @2' 4FG' B ' @2' N2BN 2' ' ' @2' 4BFBE' BE' B ' (2 F'F4@' ?' BE1' 2' B' 0@ ' 79 0 # 'EA' @2' NB2 ⁄J 3@B I 3' @' ' @2' 342E2' 32 ' I '3' @2E' 3 ' CBF2' NF232E ' B' @2 F' C EA3' @'E' @2' NF E4 N' ' '4 BF' KNBE' ! K ' I @2E' @2' NBN23' F2 KFE2A' FBC' H 1EBE ' @2' H2FG' C2CBFG' B ' @2' 'N B ' 322C2A' 2 '42A ' 'EA' @2' 3NB ' I '3' BE G' OEB I E' '3' @2' A*B' ⁄3' % 0 ' 79 ' (BN2' BE '42' 5 !' 7,8"8: ' I '3' @2' F3 ' B' 2F24 ' BE' @2' 'N B ' BE' @2' FK E3' B ' @2' 'LK 'F KC ' '' F23 A2E42' BF' @2' 32E' BF' 'EA' @ 3' '33233BF3!' ('K ' ! j \ : : "\< ' 2CN BG2A' 4@'2 ' E12 B' B' 'G' BK ' @2' ('PP'' A2 ' 'CN AB1 B' I @2E' @2' A23 1E2A' @2' 'N B"' E2' K32KC' 'EA' @2' (' '42' B ' @2' BE32FH' BF3!' (K3' ! ' *F21BFG' 5 ! ' 'EA' M K3' ! ' 'AA2A' @2' 34K N KF23' 'EA' B @2F' CBEKC2E 3' I @ 4@' EB I ' 'ABFE' @2' 3 2N3' 'EA' L ' K3 F 'A2! ' +

UK3 ' L2GBEA' @2' 2EA' B ' @2' BF3B ' @2') 7' $ ##7' ! $7 @ 7' KFE3' B' @2' F 1@ ' KEA2F' '' SK' E ' 'F4@ I 'G' E' @2' 324F2 ' N '3T 3'12' 4BE3 FK4 2A' '3' '' C2'E3' B ' 234'N2' BF' @2' F'E4 34'E' 12E2F' 3' B ' F'" B2 ' B' @2' (' 'PPB' 2E2P ' ' '3' @' ' E' @2' BF1B' 3' BF' @2' 234'N2' B ' @2' NBN23' B' ! E12 B! E' @ 3' 3 F22 ' 3' '' @BK32' A24BF' 2A' I @' 3 CN 2' LK ' 2 21'E ') BF 4' A2 ' 3' 'EA' L2'F E1' 'E' E34F N BE' BH2F' @2' ABBF' I @ 4@' 3@B I 3' @' ' ' I '3' @' ' B ' (2 FB' A'' BF BE'!

@2' 3 F22 ' 2EA3' E' @2' 3KEEG' BN2E' 3N'42' ' ' @2' BB ' B ' @2' 'N B ' I @' F'" B2 ' BE' 3' 2 ' 'NNFB'4@2A' LG' 'E' CC2E32' 1@ ' B ' 3 2N3 ' F2CBH2A' @ @2F' FBC' @2' 2CN 2' B ' @2' KE ' BE' @2' >K F E' ' LK ' C 'F0 E1' @2' 3 2' B ' @2' 'CBK3' 3 ' F4'32' B' @2' 2CN 2' B ' UKN 2F' 'N B EK3 ' I @ 4@' UK K3' '23'F' A2342EA2A' BE' @ 3' 0E2 ' ' 2F' @ 3' F KCN@' BF' @ 3' ! * ' 4' H 4 BF 23!'U

@2 1F'EA 3 ' F4'32 7 $ 707 I '3 BN2E2A E 3 NF232E BFC BE @2 B44'3 BE B @2 2E FG B @'F 23" ! E \7;! 3 BB 'F2 IB BE3 B 1 N 'E NBFN@ G I@ 4@ I2F2 F2CBH2A @ @2F FBC @2 4@KF4@ B ! 2 'EB E '44B LG (K3 ! I '3 ABIE @2 3 ' F4'32 I@ 4@ BF 1 E' G 2M 3 2A BE @ 3 3 2 @' 2EP @2 F LKE2 2A E @ 3 '3 CBC2E 3 'EA 4 B32 B @2 3NB I@2F2 @2 2 "@'E4 BE 3 'EA3 @' @2 2 4BH2F2A I @ IBKEA3 @ 3 I 2 I T E233 E1 @ 3 A2' @ FBC '' I EAB I'B @2 LKFE E1 N' '42 'LBH2! 3C' 3N'42 L2 I22E @2 IB 3 ' F4'323 @'3 ' 2 G L22E F'E3 BEE2A E B '' 1'FA2E @FBK1@ I@ 4@ '44233 C'G L2 BL ' E2A B BKF H'K 2A LF 40 4@'CL2F3 F2CE'E 3 B @2 3KL3 FK4 BE3 B @2 2CN 2 B UKN 2F 'N B EK3!

@2 @2 'A B @2 3 ' F3 'F2 4B B33' 3 ' K23 B @2 +\ E @2FB23!' '3 BF 'EA (B KM LFBK1@ @ @2F FBC @2 *@2 B 4BCC2CBF' E1 @2 H 4 BFG B @2 'O2 21$ K3 ' 2F I@ 4@ @2G FBA2 L2 BF2 @2 'FCG B BC2 B 'EEBKE42 @2 BG K E2I3 I ' 2F2A @2 F @BF323 ' @2 SK '' F12E E' 'EA @2E N'332A ' I 'G FBC @2 1'P2 B @2 CK KA2 E B 42 23 ' 3N@2F23!' 2GBEA @232 BE 2 @2F 3A2 'F2 IB FBN@ 23 B CN2F ' C23 A 34BH2F2A E @2 FK E BE @2 3SK E2 C 3E'C2A @2 FBN@ 23 B 'F K3!' 2M 4BC2 3 ' K23 B BE3 'E E2 @2 *F2' 'EA @ 3 3BE BE3 'ET E2 ! FBC @2 F L' @3 BE @2 >K F E' ! @2 IB 2EA3 B @2 N'F'N2 'F2 B44KN 2A LG 'E4 2E 'F ' L2 E1 @2 F3 'EA 32H2E @ C 23 BE23 B A 2 NN 'E 'G! @2 F3 FN 23 BE2 I '3 BKEA 6 08 'EA 3@BHF2A @' @2 C 23 4BKE 2A FBC @2 1' 23 B BC2 'EA EB '3 I '3 BFC2F G 3KNNB32A FBC @2 'F KC KF2KC '' @2 BB B @2 'N B!

=' @2E :<<@BK323 'EA @F22 BF BKF 4@KF4@23 I2F2 2 2A B @2 1FBKEA B C'O2 '' FB'A BF @ 3 F KCN@' '' 'NNFL'4@!" F FI ' 2 HK ! N! 9 !

2 EB I EA BKF32 H23 E @2 ! 7447 $ # 7 9 $ %# B44KNG E1 @2 E 2FCBE KCD I @2F2 FK K3 @'F'E1K2A @2 N2BN 2 ' 2F @2 CKFA2F B UK K3 23'F! E @2 42E F2 B @2 3SK'F2 3 @2 'CBK3 0708 7 6 8 # 86 @2 BE G N2FT 24 'E4 2E 2SK23 F 'E 3 ' K2 E 2M 3 2E42! I '3 BF 1 E' G 1 '3 C'G 3 L2 322E FBC C'FO3 B 1 A E1 KNBE @2 1KF2 'EA 3 BBA E FBE B @2 'F4@ B 2N C K3" 2H2FK3! 2E42 I '3 F2CBH2A LG 2F1 K3 B @2 FBE B @2 ' 2F' X I @2F2 EB BE1 ' 2F ' I '3 NK B '3 E1K 'F K32 LG UB@E 5 I @B @KE1 ' F2 F'4 BFG NF2 24 B @2 4 G FBC LG @ 3 @' F!) KF E1 @2 F2 B 4 E13 4BE32SK2E KNBE @2 2 2H' BE B 2EP B @2 F LKE23@ N E 7 : - BE2 B 3 EB3 F 3 I '3 C'A2 B BI I @ I ' 2F 'EA @2 B @2F I @ I E2! FBC 3 H 4 E G B @2 ' 2F'E 3B E C ' 2 G 4BEE24 2A I @ @2 @ 3 BFG B BE3 'E E2 ' I '3 3KNNB32A AKF E1 @2 C AA 2 '123 B F2NF232E @' @F 3 'E 2CN2FBF 'EA @ 3 BF KE' 2 2FFBF ' BE2 NF232FH2A ' FBC @2 A23 FK4T BE I @ 4@ L2 2 3B C'EG B @2F 'E4 2E CN2F ' ' 3 ' K23! 4@'2 E12 B I @2E @2 A23 1E2A @2 LK A E13 B @2 'N B E2 ('PP' I 3@2A B F2CBH2 @2 3 ' K3 A 3 NF232E 3 2 LK @2 4'EBE3 B @2 ' 2F'E I2F2 KE I E1 B N'F I @ @2 F F2'3KF2 'EA BE G 4BE32E 2A B 3 F2CBH' KNBE 'E 'EEK' '4OEB I 2A1C2E B @2 F NFBNF 2 BF3@ N BF I @ 4@ ' LKE4@ B BI2F3 3 3 NF232E 2A BE42 'G2'F LG @2 32E' BF3 B @2 4@'N 2F B @2 ' 2F'E! 4@'2 E12 B 3 'EA E1 E M2A 'AC F' BE L2 BF2 @ 3 3 ' K2 3 3' A B @'H2 L AA2E @2 @BF32 2 'CC E'!J H2E KE ' 2 G2'F3 'E 23N24 ' 1K'FA 'E @'3 L22E 'NNB E 2A B 'O2 4'F2 B ' I @ 'E 'EEK' 3 N2EA B 2E 34KA ' 'G2'F ' 'S ' @2 2 B '? ' 4K3 BA2 A2 'H' B!J

N) ' ' ' /

? @2G' 3 BBA' ' I @ 2' B' 4BE 2 NN ' 2' @2' LFBEP2' 2SK23 F 'E' 3 ' K2' B ' 'F4K3' KF2 K3!' @2' C BBE 1@ ' 1 3 2E2A' KNBE' F '423' B ' @2' 1 A E1' I @ 4@' @ 'A' BE42' 4BH2F2A' LB @' F A2F' 'EA' 3 22A' ▯ @232' I 2F2' ' C B3 ' 1BE2' LK ' @2' '3N24 ' B ' A 1E G' I ' 3' 3 'N2F 24 ' 4 B @ E1' @2' 1KF2' '3' ' I 2F2' I @' 'E' C N2F ' ' FBL2' B ' 1@ !' ' 3' @2' C B3 ' C ' 23 4' F2NF232E ' BE' B ' @2' O E1 G' 4@ 'F ' 4 2F' @ ' ' 2H2F' @2' I BF A' @ ' 3' 322E!' ' 3 1@ ' B ' @2' B A' @2' @2E' 2C N2FBF' 3' 2EBK1@ ' B' 4F2 ' 2' 'E' 2H 'E2342E ' 32E C 2E ' B ' BG ' G' 2H2E' E' '' A2C B4F' 4' LB3BC ' 3B' 'K1K3 ' AB23' @2' BBO ' 3B' ' B' E 2 ' 3B' I BF @G' B ' C 'E▯3' NFB BKEA23 ' @BC '12' 'EA' BL2A 2E42 ' 3B' E2H ' 'L G' ' F '4 H2' B ' @ 3' BH2!' 2' 3 F2 4@23' BF @' @ 3' @ 'EA' I @' 'E' ' F' B ' NFBKA' C '1E 42E42' 'EA' KE C 2A' 'K @BF G' '3' 'K 2F E1' '' A24F22' FBC' I @ 4@' EB' 'NN2' ' I ' 3' N2FC 33 L 2 ' LK ' E' I @ 4@' @2' BL2A 2E ' 3KL 24 ' I BK A' EA' @ 3'@ 1@23 ' E 2F23 3' 4BE3K 2A' ▯ '' 4BC C 'EA' @ ' ' I '3' E' 32 ' '' L2E2A 4 BE!' J % 1#% $!.

?' 'B 2E' '342EA' @2' 'N B E2' ' B' BBO' ' ' 'F4K3' KF2 K3' 'EA' @ 3' @BF32 ' 'EA' @ 'H2' EB ' L22E' ' L 2' B' F2 F ' E' FBC ' 4 ' F233 E1' @2' BE3' B ' L ' 3 ' !' BK' 4 'EEB ' 3 'EA' BE' @2' H2E E2' BF' @2' (' ' E2' I @BK ' 1F ' H2' @BK1@ 3 ' LK ' 3 'EA E1' BE' @2' 3NB ' LF E13' C 2' H2FG' 2' E2 ' F2F' @2' C ' 12' B ' N ' 3 ' ' 123!' J % I0 @ 6' 00 6

/'/' '' 3 ' K2' 2SK23 F2' A2' 'F4" KF2 2' '' 'K33 ' 3 '' 212EA2 ' 2 ' 42 2"@Z E▯23 ' N ' 3' AK' C BG2E' '12 ' C ' 3' 2 2' ' ' 2 2' F24K2 2' 'G' ' N2E' A▯' EE223' A2' '' LBK4@2' A▯KE' 2KE2' BC ' E!' '' ABFKF2 ' 2E' N ' F 2' A2 FK 2 ' 32' HB ' 2E4BF2' 2E' SK2 SK23' 2EAFB 3!' ' 2E' 4FB F2' 2' 2KE2' BC ' E ' 42N2EA ' E ' '' ABFKF2 ' 'K' 2K' A▯' 2F' 3▯2 '1 'E ' BK BKF3' A ' H ' E '12 ' 2 ' ' 2E' HB 2' A2' NFB1F 2!' /'7 !2: A 3' " ' ''3 ' K2' A2' LFBEP2' 4B C C 2E42' '' 32' ABF2F ' 2 ' SK ' EA' 2 2' 2' 32F ' '2E 2F2C 2E ' 2' C BEA2' E F ' F▯% ▯23 ' BK BKF3 ' 3BK3' KE2' BFC 2' 'L3KFA2 ' ''H 2 2' A22' FBC ' E2 ' SK2' 23' A23 E223' 2 ' ▯2M 3 2E42' A2' BC 2' 3BE ' 223' 'KM' A23 E223' 2 ' ' ▯2M 3 2E42' AK' C BEA2!' ▯23 ' 42' SK ' ' 3' ' A F2' 'K' 32N 2C 2' 3 24 2' ▯ ' E3 ' SK2' 23' N2 2F E3' 3 ' MBE3' ▯ ' H ' 2E ' 2E 2EAK' 2 ' '' F2N2 ' 2E ▯ /' > K ' EA' 2' B 322' BC L2F ' ' BC 2' 2 ' 2' C BEA2' E FBE !▯' J % 3 ' ! !.' / 3D@' ! 99,!

@2' LK A E1' ' ' @2' L ' 4O' B ' @2' N ' PP '' 3' # ' ! 7#7 ' ' 0@ ' 70 ' BF 1 E ' G' LK ' LG' BE ' 42' 5!' 7,8 ' LK ' ' 2F2A' LG' 4@ ' 2 ' E12 B' B' 4BFF23NBEA' I @' @ 3' LK A E13' BE' 2 @2F' 3 A2!' @2' BKE ' E' ' ' @2' BB ' B ' @2' ABKL 2' 3 ' F4 ' 32' I ' 3' 2F24 2A' LG' M K3' ! ' 'EA' 3' 'ABFE2A' I @' 3 ' K23' B ' F H2F' 1BA3' BKEA' E' @2' B A EE '' * ' FA2E3 ' 'EA' '

4KF BK3' NBFN@GFc6' 1KF2' B ' E2FH6'% 'A'N 2A' '3' BC2!' @2' LBAG' B ' @ 3' 3 ' K2' I '3' BKEA' ' ' BF 'LK ' @2' @2 'A' 'EA' 'C 3' 'F2' CBA2FE' 'AA BE3!

?' BC2' N2F3BEE 22 ' 42 2' AF2332' '' 'SK2 2' BE' 12'' A23' 2CN 23 ' HBK K ' A6' LBFA' 2 F2' KE2' C 'PBE2 ' 42' SK ' 32' 4BE8B ' 4 'F' 2 2' 2 ' ' 1K2FF 2F2' 'H 'E ' BK !' 623 ' 3BK3' '' BFC 2' A2' E2FH2' SK2' BC 2' 23 ' '33 32' 3KF' '' N '42' AK' 'N B 2!6%% $, !.' #' 3 ##!.' ' 9 :9!

E' @2' E 2F BF' B ' @ 3' LK A E1' @2' ' ' B ' @2' 2E' BF3' 4BET ' E3' 3BC2' N 'N' ' 3 ' K23 ' 'EA' @' ' B ' @ 'F 23' B ' E BK ' I@B' I '3' C 'A2' 32E' BF' B ' BC2' E' @2' @ F 22E @' 42E KFG!

@2' Y ' '0@ ' 79 0 #4BE ' E3' @2' 1F2 ' ' L2 ' B ' 2FLB ' 4 'FF 2A' B ' FBC' @' ' B I E' AKF E1' @2' H 'F3' B ' @2' C AA 2' '123 ' I @ 4@' 3' E2H2F' FKE1' 2"M42N ' B' 'EEBKE42' @2' A2 ' @' B ' '' NBN2 ' BF' @2' BN2E E1' B ' @2' 4 'FE H ' !') KF E1' @2' 4 B3 E1' G2 'F3' B ' @2' 2CNBF' ' NB I 2F' B ' @2' NBN23 ' ' @ '3' L22E' A 4K ' B' BL ' E' 'AC 33 BE' B' @2' B I 2F ' LK ' @2' '342E ' 3' I 2 ' F2N ' A' LG' @2' H 2 I ' FBC' @2' 3KCC ' I @ 4@' 2CLF '423' EB ' BE G' @2' 32H2E' @ 3' B ' BC2 ' LK ' @2' H 'F BK3' B I E3' 'EA' H '123' B ' @2' E2 1@LBKF E1' N ' E' 'EA' CBKE ' E3' I @ 4@' 3K44233 H2 G' 2 ' KEA2F' 3' ABC E BE!'

?' (BKF' 3K HF2' 23' H 4 33 KA23' A23' K 23' 2M 2F 2KF23' A23' BC ' E3' 42E F2' 23' N2KN 23' SK ' 23' 2E BKF2E ' 2 ' 23' NF2332E ' A2' BK3' 4B 23 ' EBK3' E6' KFBE3' SK6 ' F21 'FA2F' O' 6@BF PBE' '' 3KL C 2' 4 ' CN ' 1E2' FBC ' E2' 2 ' 423' CBE '1E23' SK ' 62E4 'AF2E ' 3 ' ' AC F ' L 2C 2E !' 23' 3BE ' 2E4BF2' N K3' L2 23' 2 ' 6B2 ' NF2EA' 2E4BF2' N K3' A2' N ' 3 F' O' 23' 4BE 2CN 2F' SK ' EA' BE ' 3BE12' O' 42' SK62 23' BE ' HK' A62 BF 3' 2 ' A2' 4BKF ' 12' A ' E3' 23' NF2C 2F3' 2CN3' A2' '' F2NKL SK2!' ' E623 ' NF23SK2' N ' 3' KE' NB E ' A2' 42 2' 4 ' CN ' 1E2' SK ' E6' ' 2 2' 2&CB E' A2' SK2 SK2' F2E4BE F2' 1 BF 2K32' D' ' E623 ' NF23SK2' KE' FB4@2F' A2' 423' CBE '1E23' SK ' E623 ' 2 2' NF 3' 2 ' F2NF 3' H E1 ' B 3!

?' BK 23' 423' E' BE3' 3 'L2 SK23' SK 'ABC E ' 2E ' '' H 2' AK' LF2' 2 ' 32CL ' 2E ' N '42&23' O' 3KF' A23' @ 'K 2KF3' A 3NB3223' 2E' A2C "42F4 2' NBKF' 62EH2 BNN2F' 2 ' 624F '32F ' BK 23' 423' E ' BE3' 3BE ' A2H ' E ' EBK3' 2 ' O' '" NBF 22' AK' F21 'FA!'

? B A' A2' 4B 2' A2' '' 2F' 23' CBE '1E23' A23' B 3SK23' Ø' N K3' '' Ø23 ' 3BE ' 23' 2FE SK23' 2 ' 23' SK 2 3Ø' 'K' EBFA ' 23' 'L E3Ø' ' ØBK23 'AØ'K F23' 2EE2C 3 ' 23' FK3SK23 ' ABE ' 2' CBE ' C EK3' 23 ' 2' F2CN 'F Ø

! K' 3KA ' '' N ' E2' 32' NFB BE12' K3SKØ ' '' C 2E' A' 3BE ' 23' ' E3 ' SK 'EØ'G 'E 'N ' 3' A23' CBE '1E23' NBKF' 2KF' 32FH F' A2' 4 'A2 2' 2 ' A2' F2 K12 ' 4B C C 2E42FBE ' N ' F' 2 F2' A23' ' 23!

?' BK3' NBKHBE3' ABE2' 2C LF' 332F' 2' N ' EBF ' C '' @ 3 BF SK2' A23' NF2C 2F3' 4BC L ' 3' SKØ2KF2E ' '' 3BK 2E F' 2 ' SK2' 3BK EF2E ' 3 ' H' 'C C 2E ' 23' BC ' E3' ' F' E4@ 3!J% 3 '! !.' % #' 3' !' 7-7!' =

2E2' @' @2' (' '42' B ' @2' 2E' BF' 2E 2F2A' LG' '' ABBF' E' @2' 3 F22 ' BE' @2' F 1@ ' 'F2' @2' 1 1 'E 4' F2C ' E3' B ' @2' 7I #7 @ ' 4BE3 3 E1' B ' @K12' F24 'E1K 'F' L B4O3' B ' N2N2F EB' 3KNNBF E1' '') BF 4' 4B BEE 'A2 ' I @ 4@' 3' 3@B I E' LG' 'E' E34F N BE' 3 ' NF232FH2A' B' @' H2' L22E' @' ' B ' @2' NKL 4' 24BFA' 42 ' I @2F2' @2' 'LK 2 ' 2E1F' H2A' N ' 23' L2 'F E1' CNBF 'E ' A24F223' B ' @2' 2E' 2' I 2F2' NF232 F2A ' @' H E1' L22E' N '42A' @2F2' LG' >!' K ' K3' ' K K3' E' ' O1 ' ' 1' 2FG' E' @2' E 2F BF' B ' @2' 'LK 'F KC' @' 3' L22E' 2A' KN' '3' '' CK32KC' B ' 'F4@ 24 KF' ' 'E SK 23' 4B 24 2A' FBC' @2' E2 1@LBKF E1' 2CN 23!' @ 3' LK A E1' 3' '3' ' I 2F2' @2' LBKEA 'FG' L2 I 22E' E@' L 2A' BC2' 'EA' @' ' BC2' I @ 4@' 3' '' 4 G' B ' FK E3!

?' '4' C2' B' @2' 'N B ' 'EA' BBO2A' AB I E' BE' @2' B @2F' 3 A2!' @2F2' L2 BF2' C G' 2G23' BN2E2A' 'E' C C 2E32' 1F' H2 ' 'EA' BK ' B ' @2' 1F' H2' FB32' '' 4 G' B ' CBEKC 2E 3' E' FK E3 ' 4B KC E3 ' F KC N@' ' 'F4@23 ' 2C N 23 ' 'EA' N ' '423 ' LFBO2E ' FK EBK3 ' LK ' 3 ' L2 'K K ' 'EA' 1F' EA % I @ '' 3B 2C E' C BKFE K ' L2 ' K G' X ' I ' 3' @2' 1 'E ' 'NN' F BE' B ' 'E4 2E ' BC 2!J%') !5! ' ! 3!

@2' F' 423' B ' 'E' 'E4 2E ' 3 ' F4' 32' 3 ' 2M 3 ' I @ 4@' 2A' AB I E' FBC' @2' 'LK 'F KC' B' @2' BFKC!' @ 3' 3' L2 2H2A' LG' C ' EG' B' @' H2' L22E' @2' N ' @' LG' I @ 4@' @2' L23 212F3' KEA2F' 2 K3 ' !) !' ;8 ' ' '402A' @2' 'N B !

@2' 2 '3 ' 3 A2' B ' @2' N 'PP' % BE' @2' 2 ' '3' BE2' 3 'EA3' ' ' @2' @2 ' A' B ' @2' 3 2N3% 3' @2' 86 - 7R 0 R 'Z 9 ' A' G

FBC' 8' B' :' BF' '' 22Ù 'EA' BE' BEA'G3' 'EA' @KF3A'G3' 1F' 3' FBC' 9Ú' B' : !

LBH2' @2' BKE ' E' E' @2' 4BKF ' BNNB3 2' @2' 2E F'E42' F24 E23' @2' 4B B33' ' 3 ' K2' B ' '' F H2F"1BA ' 4' 2A' 'F BF B' F2CBH2A' @ @2F' FBC' @2' 2EA' B ' @2' '' A ' 'F BF B' BFKC' 'F 3R ' E2'F' @2' 'F4@' B ' 2H2FK3!' @ 3' 1KF2' '44BFA E1' B' C 'E' 'E4G' I '3' @2' F 2EA' 'EA' 1B33 N' B ' ('3SK E' ' ' @2' (' 'PPB' F'34@ ' 'EA' H2 G'A ' B1K23 ' C2F4 233' B' @2' B 23' B ' @2' 1BH2FEC2E ' 'EA' @2' C23 ' K32A' B' 'NN2'F' I @' 2'F G' CBFE E1 ' N '4'FA2A' BE' @2 F' F23N24 H2' N2A23 ' 3 ' '3' N'33 E1' L2 I22E' @2' IB!' @K3 ' I@2E' 2C2E ' 5 !' CK 4 2A' BC2' B ' EKC2FBK3' 3KC3' B' 32EA' B' @ 3' E' H2' $FL EB ' 'F BF B' '3O2A ' ?' @' ' 3' ('3SK EB' AB E1'Ř J' @2' E2M ' CBFE E1' ('3SK E' 'E3I2F2A ' ?' ' 'C' 'O E1' 4'F2' B ' BC2 ' @' ' ' AB23' EB '1B' ' I 'G' B' $FL EB!J' E' @2' A23 F2' B ' NK E1' 'E' 2EA' B' 3K4@' E4BEH2E 2E ' F2C 'F03 ' @2' 1BH2FEC2E ' BFA2F2A' @2' F2CBH' ' B ' BE2' B ' @2' 3 ' K23' B' @2' 'N B ' 'EA ' 3 E42' 'F BF B' @'3' L22E' 3@K ' KN ' ('3SK EB' @'3' B3 ' @ 3' 3N F 3!

FBC' @2' 4BFF ABF' BE' @2' 1FBKEA' BBF' BN2E' 32H2F' ' FBBC3' A2HB 2A' B' 'E4 2E ' E34F N BE3' 'EA' 3'F4BN 21 ' I @' L'3"F2 2 3!' @2' F3 ' FBBC' BE' @2' 2 ' @'3' 3BC2' LFBEP23% ' E' @2' 42E F2' '' CK ' 2A' @BF32 ' BKEA ' ,:8 ' E' @2' F'3 2H2F2!

?' ' 'C 3 'H2EK' KE' N2K' 'H'E ' (@ A '3 ' E{2K ' NB E ' A2' F H' ' NBKF' 23' 4@2H'KM!' ' 'C 3 ' SK ' K ' BEA2KF' 2E' LFBEP2 ' 32F' " ' {' K 2KF' AK' 4@2H' ' A2' LFBEP2' AK' 'N B 2 ' SK ' 2E' 2 2 ' 32C L 2' N K B 'KE' N2K' ' E 2F 2KF' SK2' NB3 2F 2KF' '(@ A '3RJ% 3'! !.' #' 3' !' 97:!

' @2' BB ' B ' @2' 3 ' F4'32' 3' '' 4B B33' ' 3 ' K2' B ' @2' CN2FBF' 'AF 'E ' BKEA' BE' @2' 'E!

@2' 07 76 ' 3' E2A' I @' @2' F'1C2E 3' B ' @2' ! 7 07' 790 # 7' '' 32F 23' B ' 3' 'FL 2' 3 'L3' B ' CN2F ' ' A' 2' BKEA

!' F!' ' /

E' @2' 3 M 22E @' 42E KFG' KEA2F' ! B3CB' 'EA')'C 'E ' E34F L2A' I @' 1FBKEA' N 'E3' B ' BC2' 'EA' 2M422A E1 G' CNBF 'E ' FBC' @2' 1@ ' @2G' @FB I ' KNBE' @2' 'E4 2E ' BNB1F'N@G'B ' @2' 4 G!

@2' KNN2F $ ' 3' E2A' I @' 3 ' K23' 'EA' LK3 3!' 2F2' 'EA' 2 32 I @2F2' I 2' I ' BE G' EB 42' @B32' 23N24 ' G' F2F@'FO'L 2' BF' L2'K G' BF' @ 3 BF 4' E 2F23

! 9!' ' GF'N 'G E1'BE' '' K 2!
! 7!' KN A' L2EA E1'@ 3'LB I !
! 9<!' A' I BC 'E' E BM 4' 2A!

?' BK ' 2' C BEA2' ''F2C 'FSK ' A'E3' 2' CK322' AK' 'N B 2' KE2' H 2 ' 2C C 2'32FF'E 'A23' A2KM' C ' E3' KE2'LBK 2 2 ' '' LBK4@2' 2E F◊BKH2F 2 ! 23' G2KM' CBKF'E 3' BKC 23' H2F3' 2' A2 ' 4BC C 2' 3 ' A'E3' '' KL ' BE' A2' ◊ HF2332 ' 2 2' 3'HBKF' ' 2' H E' SK◊2 2' H 2E ' A2' LB F2!' BC C 2E ' E2' N '3' HB F' A ' E3' 42 2' 4 'F 4' KF2' 2E' C 'FLF2'KE2' F2NFBAK4 BE' A2' '' 9 ! '"!')! 33!' * !' A2' GFBE ' SK ' N '33' ' NAKF' KE2' A23' 4KF B3 23' A2' CGC 2!J% ' 3'! !.' #' 3' !' 9-9!

! 9;!' @2' E 'E ' 2F4K 23'3 F'E1 E1' ''32FN2E !
E!' 9,!' *F'EA' 'F4BN@'1K3% @2' 'N2' B ' (FB32FN E2!
! 77!' ' GF'N 'G E1'BE' '' K 2!
E' @2' I ' 'BE' @2' 2 ' E34F N BE3' FBC' @2' 4B KCL'F KC'B ' H '!
! :7 ' 2'A' B ' F 'AE2!
!' :,!' 'F4BN@'1K3% @2'L F @' 'EA' 4@ A@BBA' B ' '44@K3!
! \;!' ' K2 ' AF'N2A!
! ;:!' UKN 2F 'BE' ''4 NNK3' I @' ''4KF BK3' F2 2 ' B ' 'KA ''AF' I E1' @2'LB' ' I @' @2' C '12' B ' @2' '1E'' ' 2F'KN' @2' L2F!
! ;8!' K3 ' B ' ' 1K '!
! -<!' 'F4K3' KF2 K3 ' '3' '_LBG% ''H2FG'L2 'K K ' LK3 !
! -<!' ' K2' B ' E2FH'' FBC' 2 2 F !' @2' 3 'C 2' '3' @' ' E' @2' F'44 B' KBHB' B ' @2' ' 4 'E!
! -9!' F' 'E!
-;!' E' @2' I EAB I ' '' C '1E 42E ' H '32 ' BKEA' E2 'F' @2' BCL' B ' 24 '' 2 2 ' ' 3 'EA E1' BE' '' NK 2' ' 'ABFE2A' I @' F2 2 3' B ' @2' I 2 H2' NF E4 N' ' 1BA3' 'EA' 1BAA23323!

FBC' @2' F 1@ ' B ' @ 3' 4BFF ABF' BN2E' I B' 4@' CL2F3!' @2 ' 'F 1@◊ ' !

F3' 3' E'C2A' @2' ' '0@' & 5 6' FBC' @2' 'CBK3' CB3' 4' BKEA' E' @2' FK E3' B' 'AF 'E⇩3' H '' E2'F' HB ' 'EA' 12E2F' G' 4' 2A' !# 3 6' & 5 6' L24'K32' (EG' I@2E' 3N2'O E1' B' @2' N2F 24 BE' B' I@ 4@' @2' CB3' 4' 'F' @'A' ' 'E2A' A234F L23' '' I BEA2F K' CB3' 4' B' B3K3' B' (2F'' 1'CB3' E' I@ 4@' BE2' ABH2' 3' 322E' AF EO E1' 'EA' 4'3 E1' @ ' 3@'AB I' BE' @2' I' 2F' I@ 2' B @2F3' 'F2' N KC E1' @2CT 32 H23' BE' @2' 2A12' B' @2' H'32!' 3' '' 2EA'E' B' @ 3' 3' 'EB @2F' 67 ' '7' 7/ ' 7 $' ' 76@' E' @2' 'F @2F' I EAB I' 3' @2' # 7 ' 7I# 0' 'E' E 2F23 E1' F2 2' E' @2' 3B ' C'FL 2' 4' 2A' N' BCL EB' F2 ' E1' B' @2' 3 BFG' B' @2' A23 FK4 BE' B' FBG' 'EA' @2' 1@' B' E2'3' 'EA' BKEA' '' BH '2!

?' ⇩2E32CL 2'F 2' '' 1K2FF2' 42E F2' FB 2' 23 '4BE 2EK' A'E3' KE' 'LF212' 1KF2' SK⇩BE' 'NN2 2' '' 'L 2' 'SK2 'N2 ' L'3"F2 2 ' A23 E2' '' B F F' KE' F23KCA' H 3 L 2' A2' 42 2' 1K2FF2' 'KM' 2KE23' 2C ' E3' 2 ' ! 32FH F' A'E3' 23' 24B 23' 3B 'NBKF' '" 5!.' 3B 'NBKF' 23' NB2C 23' 4G2 SK23 4BC C 2' A⇩KE' $5!C' " $"

?' '' 'L 2' 'SK2' 23 'KE' BKHF' 12' F2C ' E' ' ' ' BC 2!' BK ' 42' SK ' BK4@2' 'KM' BF 1 E23' FBG2EE23' A2' 42 2' H 2' E4BEEK23' ' BC 2F2' 2 ' 42 2LF223' 3KF BK ' N'F' & 4@BF2' 'H'E ' A2' ⇩2 F2' N'F' F1 2 2E 'A'E3' 42' L'3"F2 2 'KE2' N '42' CNBF 'E 2' 2 ' ABC E2' A'E3' 3 '' 4BC NB3 BE!J % ' 3' !.' #' 3' !' :7 !

E' @2' 42E F2' B' @2' FBBC' 3' '' NF2 G' 3 ' K2 2' B' '' 1 F' 3@ 2 A E1' '' ABH2!'

@2' 324BEA' 4@'CL2F' OEB I E' '3' @' 6 5 $' 7I 0' 4BE ' E3' @2' 'CBK3') 86' '0@' 79 0 #% '' *F220' 3 ' K2' BKEA' CCKF2A' E' '' I ' 'KNBE' @2' >K F E' !

? '' H2F 2' 2 ' '' 4BCN ' 3'E42' 'H24' 23SH 2 23' '' E' KF2' 23 'F2EAK2' U'E3' '' 2EK3' AK' 'N B 2' ' 3' 2E 'A2' 42 2' L2 2' 3 ' K2 % SK 'NBKF 'E ' E⇩'' F 2E' A⇩EA242E ' L 2E' SK2' N 'F' KE2 NFKA2F 2' N2K' 4@'3 2' BE' ⇩' ' F2 21K22' A 'E3' KE' 4 'L E2 'F232FH2 % ' 3' 2E ' A2' 42 2' L2 2k3 ' K2' KE' 3K 2 ' A2' 34 'EA ' 2' NBKF' 'K3 'A23' NF2C 2F3' 4@F2 2E3!' ⇩2 ' '3 'E3' ABK 2

' E' A2' '' 3BK3 F' F2' ' 2KF3' CK ' BE3' SK◊BE' ◊'H' '2E BK 2' 'H24' 3B E' 42' SK ' ◊'' 4BE32FH22' A'E3' 3BE' E 21F 20' ' E3 ' 3BE' A'E12F' ◊'' 3'KH22!' BC C 2' BE' ◊'' FBKH22' A'E3' 2' SK'F 2F' 3K3N24 ' A2' '' KLKFF' ' BE' N2K ' 3KNNB32F' SK◊2 2' BFE' ' ◊' F KC' 2 21'E ' A2' SK2 SK2' F 4@2' 4BKF 3 'E2!J' (3, !.' !' 7 ,!

@2' I B' 3C ' 2F' 34K N KF23' B ' 2A''' 'EA' @2' I 'E' 'EA' KN A' 'EA' (3G4@2% I B' BH2 G' 4@ AF2E' 2CLF'4 E1' CB3 ' E22A 233 G' 324 KA2A' @2F2 ' I 2F2' BKEA' BE' @2' H2E E2!'

FBC' @2' 2EA' B ' @2' 1' 2FG' I 2' 2E 2F

@ ' > 7## ' 0@ ' 9 6' E' @2' 42E F2' 3' @2' L2'K K' 32' 2A' 3 ' K2' B ' 1F NN E''' 1F'EA"A'K1@ 2F' B ' K1K3 K3%' I 2' B ' *2FC 'E 4K3% 'EA' CB @2F' B ' ' 1K ' !

? E' 3◊'FF2 2' 'H24' F23N24 ' A2H'E ' '' NF2C 2F2' 1F NN E2 ' '33 32' 'H24' KE2' 3 'EBL 2' 3 CN 4 2' 2 'ABE ' 2' H 3 '12' 2MNF C 2' 3 'L 2E' '' 2FC2 A' H F 2!J' % 3 '% !.' H!

?' 4 ' EBK3' '' 4BE 2CN BE3' 2 2' SK2' EBK3' NBKHBE3' EBK3' '' 1KF2F' 'NF23' '' C BF ' A2' * 2FC 'E 4K3!' 2' 32C L 2' C 32' 'KM' 2F3' N ' F' 2' A23 E ' C ' 3' 3 'E3' N+KHB F' 2E4BF2' F2EBE42F' 'KM' N2E3223' 3KN2FL23' ABE ' 3BE' ' C2' 2 ' 'F2C N 2' 'KM' BKF3' A2' 3BE' LBEL2KF!J% 1$

BKEA' @2' FBBC' 'F2' F 'E12A' ,7' LK3 3' B ' BC 'E' 2CN2FBF3' 2CNF23323' 'EA' @2 F' E2 'F' F2 ' BE3' BEE E1' N2F@ 'N3' @2' CB3 ' E 2F23 E1' NBF F' ' 1' 2FG' E' @2' I BF A!' H2E' H 2 I 2A' '3' I BFO3' B ' 'F ' C 'EG' B ' @2C' 'F2' B ' @2' K CB3 ' CNBF 'E42!' @2G' 'F2%

!' UK K3' '23'F' E' !' !4!' <] 0' BL!' !4!' : : !

9!' K1K3 K3 ' C N!' . ' 9% !) !' : !

7!' 'F42 K3 ' @ 3' E2N@2 I ' 'EA' 3BE" E" ' I ' 3BE' B ' 4 'H ' ' BL!' !4!' 97 ' '12A' 9<!

: !' \!' L2F K3 ' C N!' !) !' :"7-!

!') FK3K3 ' @ 3' LFB @2F ' 3BE' B ' H ' ' 'EA' 'KA K3' 2FB ' BL!' !4!' <!

-!') FK3K3 ' 3BE' B ' L2F K3' 'EA' N3' E ' ' BL!' & ' 97!

,!' E BE ' ' A'K1@ 2F' B ' A 'FO' E BEG' 'EA' 4 'H ' ' I 2' B ' @2' 2 A2F') FK3K3 ' C B @2F' B ' * 2FC 'E 4K3' 'EA' 'KA K3!

8!' * 2FC 'E 4K3 ' 3BE' B ') FK3K3' 'EA' ? E B ' ' BL!' !) !' 8!

(')' /' / /

B!' 1F NN E' ' A'K1@ 2F' B ' UK '' 'EA' 1F NN' ' 1F'EAA'K1@ 2F' B ' K1K3 K3' I 2' B ' *2FC 'E 4K3!') 2A' B ' 3 'FH' BE' KEA2F' L2F K3 !)!' 3 'T

!' ' 1K ' ' CN!' !)!' 7-": ' 3BE' B ' *2FC 'E 4K3' 'EA' 1F NN E'!' KFA2F2A'LG' @2' F LKE2' @2FB2'' E'L'3' !

9!' 'KA K3 ' CN!' !)!' : "\ : ' GBKE12F' 3BE' B ') FK3K3' 'EA' E BE '!' (B 3BE2A'LG' 1F NN E'!

7!' 233' E' ' @ FA' I 2' B ' 'KA K3!' (K ' B' A2' @' LG' 'KA K3 ' !F ' : ,!

? $E2' 1FB332' 4BC C2F2' 32E3K2 2 ' 'KM' F' 3' LBK 3 ' '' (' F' '332P' 4BC CKE ' C ' 3' SK 'NBKH' 'N ' F2' ' 'KA2!J% D !.' / 3 ' ' !' 79!

:!' 1F NN E'' @2' GBKE12F' 3 M @' I 2' B ' 'KA K3 ' A'K1@ 2F' B ' *2FC 'E 4K3' 'EA' 1F NN E'' @2' 2 A2F ' 1F2' "1F'EAA'K1@ 2F'B ' K1K3 K3!' KFA2F2A'LG'@2F'3BE' 2FB ' f)!' ;<!

? ' 2' LK3 2' '' CBE F2' 'H24' 42 2' L2 'K 2' N K3' 1F'EA2' SK2' 42 2' A2' 3'' C2F2 ' 2 ' SK ' 2 ' 'NBKF' 2 2' KE' C BG2E!' 1F NN E2' '' 23' G2KM' 2H&'H2F3' 2' A2 ' BE' A F' ' SK⇩2 2' 4F' E ' 2 ' SK⇩2 2' ' 2EA!J% / 3 ' ' !' 7 : !

\!' ;F' 2FB ' CN!' !L!' \ : "; 8 ' 3BE' B ' 1F NN E'' @2' GBKE12F' LG' @2F' F3 ' @K3L'EA ' @2EBL'FLK3!') 2A' LG' @ 3' B I E' @ ' EA!

-!' (BNN'"'' 'L E'' R ' 324BEA' I 2' B ' 2FB!' # 2A' LG' '' O 4O' FBC' @2F' @K3L'EA' !)!' ;9!

? ' 2' H 3 '12' '' '' A2 4' 2332' NF23SK2' 2E 'E E2' SK2' NBKH' 'B F F' 42 K ' A2' 42 2' 2C C2 ' ABE ' 23' C B 23' F24@2F4@23' 2 ' 23' 3B E3' 4KF 2KM' : 2' B 2 2' 2 ' 2E ' 42 2LF23 ' 2 ' ABE ') A2FB !'' A ' 'H24' H2F 2 ' L 2E' SK⇩'H24' KE' N2K' A⇩2 C N @ ' 32 ' / ⇩2 ' 'KE2' F 2' 3BK3' 2' H 3 '12' A23' 1F ' 423!⇩J% / 3 ' ' !' 7 , !

,!' * ' L ' ' CN!' !)!' ;8!' FA2F2A' E' @2' BFKC!

8!' @B ' CN!' !)!' ;8!') 2A' LG' @ 3' B I E' @ ' EA!

9<!' 2 K3' R ' CN!' !)!' ;8!' KFA2F2A' ' ' @2' 4 ' '' *2C BE 2!

9 !' 23N ' 3 'E ' CN!' !)!' -<"-8!

99!' K3 ' CN!' !)!' -8" !' KNNB32A' B' @ 'H2' L22E' NB 3BE2A' LG') BC 'E!

97!' UK ' ' A ' K1@ 2F' B ' K3!

9 :!') BC 'E ' CN!' !)!' , "8 ; ' 3BE' B ' 23N ' 3 'E!' KFA2F2A' E' @2' (' '42' B ' @2' 323'F3!

?') BC 2E' 23 ' 3 'E3' 4BCN'F!' 3BE' 2' K3' L2 'E' A23' FB 3' 'H 2E3' ⇩ C ' 3' 4⇩23 ' KE2' L2 'K 2' BFC A'L 2 ' 'H24' KE' ' F' 'FBK4@2' 2 ' 'KM!J%' / 3 ' ' !' 9!

9\!' BE1 E'' R!
9;!' 2FH'' R ' CN!' !)!' 8;!
9-!' F' 'E ' CN!' !)!' 8 " ,!
9,!' B E' ' I 2'B ' F' 'E!
98!' 'F4 'E' ' 3 3 2F'B ' F' 'E!
7<!' ' A ' ' A'K1@ 2F'B ' 'F4 'E' ' E 242'B ' F' 'E!
7 !' 79!' 'AF 'E ' CN!' ! !' ," 7, ' 'ABN 2A'3BE'B ' F' 'E!
77!' UK '' 'L E' ' I 2'B ' 'AF 'E ' A'K1@ 2F'B ' ' A '!
7:!' K3' 2F'3 ' F3 ' 'ABN 2A'3BE'B ' 'AF 'E!
7\!' E BE EK3' (K3 ' CN!' &' 7," ; ' 324BEA' 'ABN 2A' 3BE' B ' 'AF 'E!
7;!' 'K3 E'' @2'2 A2F' I 2'B ' E BE EK3'(K3' 'EA'3 3 2F'B ' K3' 2F'3!
7-!' 'F4K3' KF2 K3 ' CN!' !)!' ; " ,< ' 3BE' B ' 2 "H 'EK3' LG' ('K E' ' 3 3 2F'B ' 'AF 'E ' 'ABN 2A'LG' E BE EK3'(K3' '3' ''LBG!
7,!' 'F4K3' KF2 K3 ' E' ' 2F' 2!
78!' EE '' 'K3 E' ' I 2'B ' 'F4K3' KF2 K3 'A'K1@ 2F'B ' E BE EK3' (K3' 'EA' 'K3 E'' @2'2 A2F!
:<! * ' 2F K3' E BE EK3 ' 3BE' B ' E BE EK3' (K3!
: !' K4 K3' 2F'3 ' 3BE" E" ' I ' B ' 'F4K3' KF2 K3!
:9!' K4 ' ' I 2'B ' K4 K3' 2FK3 ' A'K1@ 2F'B ' 'F4K3' KF2 K3 ' ' EA' 'K3 E'' @2' GBKE12F!' (K ' B' A2' @' ' ' 'NF ' BF' '' N B ' '1' E3 ' @2F' @K3L'EA!
:7!' BC CBAK3 ' CN!' !)!' ,<" 87 ' 3BE' B ' 'F4K3' KF2 K3' 'EA' 'K3 E'!' KFA2F2A' E' @2' (' '42' B ' @2' '23'F3!
::!' F N E' ' I 2'B ' BC CBAK3!' (K ' B' A2' @' LG'@2F' @K3L'EA' ' ' 'NF!
:\!' (2F E'M ' CN!' &' 87 ' 3K44233BF' B ' BC CBAK3 ' F2 1E2A' @F22' CBE @3!' KFA2F2A' E' @2' (' '42' B ' @2' '23'F3!
:;!') A K3'UK 'EK3 ' CN!' !)!' 87 ' 3K44233BF' B '(2F E'M!' KFA2F2A' E' @2' (' '42' B ' @2' '23'F3!
:-!' 'E '' 4'E '' R ' I 2'B ') A K3'UK 'EK3!
FH' ' 4'EA A' 23' ' 2F' CKFA2F' B ') A K3' UK 'EK3 ' !)!' 87 ' BF' @2' CN F2 ' I @ 4@' @2G' ' 2A' B' BL ' E' 'EA' I 2F2' LB @' NK ' B' A2' @!
\<' \ !' 2N C K3' 2H2FK3 ' CN!' &' 87"9 ' 3K44233BF' B ') A K3' UK 'EK3!
\9!' UK '' (' ' I 2'B ' 2N K3' 2H2FK3!
\7!' 'F'4' ' ' CN!' &' 9 "9 - ' 3BE' B ' 2N !' 2H2FK3' 'EA' UK '' ('!' KFA2F2A!'

\:!’ *2 ’’LFB @2F’B ’ ’F’4’ ’’LG’I@B32’ BFA2F’ @2’I’3’ CKFA2F2A’ E’ @2’’FC3’B’UK ’’(’!

\\!’ ’4F EK3’ CN!’ &’9 -’CKFA2F2F’ ’EA’3K44233BF’B ’ ’F’4’ ’! KFA2F2A!’

\;!’) ’AKC2E ’EK3’3BK’B ’ ’4F EK3!’ KFA2F2A’I @’@ 3’ ’ @2F!

\-!’ 2 B1’L’K3’ CN!’ &’9 ,"999’3BE’B ’UK ’’! B2C 3’A’K1@ 2F’ B ’UK ’’ 423’’I@B’I’3’3 3 2F’B ’UK ’’(’!’ KFA2F2A!

\,!’ EE ’’ ’K3 E’’ @FA’I 2’B ’ 2 B1’L’K3’1F2’ "1F’EAA’K1@ 2F’ B + ’F4K3’ KF2 K3!

\8!’ UK ’’ B23’’3 3 4F" E" ’I’B ’ 2N C K3’ 2H2FK3’’KE’B ’ ’F’4’ ’’ ’EA’1F’EAC B @2F’B ’ 2M’EA2F’ 2H2FK3!

;<!’ 2M’EA2F’ 2H2FK3’ CN!’3BE’B ’UK ’’ ’C C 2’’324BEA’A’K1@ 2F’ B ’UK ’’ 423’!’ KFA2F2A’’’ @2’’12’B ’7<!

; !’UK ’’ ’C C 2’’A’K1@ 2FB ’UK ’’ B23’’’EA’C B @2F’B ’ 2M’EA2F’ 2H2FK3!’ KFA2F2A’I @’@2F’3BE!

;9!’UK K3’ ’IZ C EK3’ CN!’97\"97,D’2 24 2A’LG’ @2’’FC G!’ KFA2F2A!

;7!’ ’Z CK3!’ KFA2F2A’I @’@ 3’ ’ @2F’’’ @2’’12’B ’ ,!

;:!’ *BFA ’EK3’ F 4’EK3’ CN!’97,’D’’A2342EA’E’B ’ F’ ’E!’) 2A’ LG’@ 3’B I E’@’EA!

;\W’ E BE EK3’ *BFA ’EK3’ UKE BF’ CN!’ 97,’ 3BE’ B ’ *BFA ’EK3’ F 4’EK3’’EA’ ’L ’’ F23 2 ’’1F2’ "1F’EAA’K1@ 2F’B ’ E BE EK3’(K3!’) 2A’ E’L’ 2!

;;!’ (KN 2EK3’ CN!’97,’ ’ F2 1E2A’ B12 @2F’ BF’ BKF’C BE @3’’EA’ @2E

;-!’ ’ L EK3’ CN!’97,’ ’ I 2F2’ C KFA2F2A!

;,!’ *BFA ’EK3’(K3’ CN!’ 97,’ 1F’EA3BE’ @FBK1@’@ 3’ C B @2F’ B *BFA ’EK3’ F 4’EK3!’ KFA2F2A!’

;8!’ (@ N’ !’ CN!’ 9:: ’3BE’B ’ ’EA’ 4B"2C N2FBF’ I @’ (@ N’ !’ KFA2F2A!

-<!’) 24 K3’ R ’ CN!’ 9:8"9\ !’ BF4 L G’ 2 24 2A’ LG’ @2’ ’FC G!’ # 2A’ E’L’ 2!

- !’ >K E K3’ 2F2EE K3’ F’34K3’ 3BE’ B ’) 24 K3’ ’EA’ 2F2EE ’’ FK34 ’!’ # 2A’ E’L’ 2’I @’@ 3’ ’ @2F!

-9!’ B3 ’EK3’3BE’BF’3BE" E" ’I’B ’) 24 K3’ CN!’9\ ’I @’ F2L"’ *’$K3!’ KFA2F2A!

-7!’ F2LBE ’EK3’*’ K3’ CN!’9\ "9\:!’ KFA2F2A!

!’ " B K3 ’EK3’3BE’B ’ F2LBE ’EK3’*’ K3!’ KFA2F2A!

-;!’ *’ 2EK3’ CN!’9; "9;,!’ KFA2F2A!

" ’ BE E’’I 2’B ’*’ 2EK3!’ =

-,!’ ’ BE EK3’ 3BE’B ’ *’ 2EK3’ ’EA’ ’ BE E’!’ (K ’ B’A2’ @’ LG’ (B3 KCK3’ !)!’9\8’’’@2 ’12’ ’ -!

' ' O /

-8!' 'F4K3' KF2 K3' 'F EK3 ' CN!' 9,7 ' 3BE' B ' @2' CN2FBF' 'C3!' KFA2F2A!

,<!') B4 2 'E ' CN!' 9,:"7<\' 2 24 2A' LG' @2' 'FCG!

, !' BE3 'E EK3' @ BFK3 ' CN!' 7<\"7<;' 3BE' ' K FBN K3' 'EA' 'KA ' ' E 242' B ' @2' CN2FBF' 'KA K3' 'EA' >K E K3 ' ' @2F' B ' BE3 'E E2' @2' * F2' !

,9!' UK 'E' @2' NB3 ' 2 ' CN!' 7;"7;7 ' 3BE' B 'UK K3' BE3 'E E3' 'EA' E2N@2I 'B ' BE3 'E E2' @2' * F2' !') 2A' E' L' 2!

,7!' '1EK3') 242E K3 'LFB @2F'B ' @2' CN2FBF' '1E2E K3!' F'E1 2A' @ C32 ' 7\7!

?' E' @2 F' LK3 3' @2' N3' B ' @2' BC 'E' 2C N2FBF3' 'F2' 12E2F' G' 4 B32A ' EA 4' E1' F232FH2' 'EA' A 1E G ' F22' FBC' @KC 'E' N '33 BE3' 'EA' 2CB BE3!J' ,' $- !"3 $$

? ' BC2' @2' 2C N2FBF3' L24BC 2' '3' 'C 'F' '3' @2' NBN23!' @B' AB23' EB ' OEB I ' @2' 4KF G"@2 'A2A' 'F4K3' KF2 K3 ' I @' @ 3' 2A' LFB I ' 'EA' NFB 24 E1' 2G23% FBC' @2' K ' FBKEA' L2 'K G' B ' @ 3' GBK @' B' @2' C BF2' @ '11 'FA' BBO 'B ' @ 3' ' 23 'G2 'F3' R F2' @2F2' 'EG' C BA2FE' NBF F' 3' C BF2' 'C 'F' @ 'E' @2' 32H2F2' I 2A12" O2' @2 'A' B ' K1K3 K3 ' I @' @ 3' 3@ 'FN' 4K ' N3' 'EA' EB32 % BF' @2' AK ' N@ P' B ' 'AF 'E ' I @' @ 3' @ ' F' 4BC L2A' AB I E' BH2F' @ 3' B I ' BF2@2 'A % BF' @2' H' E ' N2FO E1' '42' B ' K4 K3' 2F '3 ' I @' @ 3' @ E' EB32 ' B I ' LFB I ' 'EA' NFB K3 BE' B ' 4KF 3 % ' BF' @2' LFK ' 'LK '@2 'A' B ' 'F '4' ' % BF' @2' L23 ' 'L B ' 2A' 2' KF23' B ' 2 K3' R

? @23 C 2E ' I @B' I 2F2' LK ' 'G' 1KF23' B' K3' ' '34@BB ' C 2F2' N213' B 'E' C 23' B' @ 'E1' @ 3 BF 4' FBL23' KNBE ' @K3' E 2FNF2 2A' LG' @2' H E1' @ 3 BFG' B ' @2 F' NBF F' 3 ' @2' E4 A2E ' ' K3 F' BE3' B ' @2' N '423' I @2F2' @2G' H2A' 'EA' C BH2A' 'EA' A 2A ' 'EA' @2' LK A E13' 'EA' C BEKC 2E 3' @2G' 2F24 2A ' L24BC 2' O2' C 2E' B ' G23 2FA 'G!' F ' @ '3' C 'A2' @2C' BKF' 4BET 2C NBF' F 23!' @2G' 'F2' '3' E2 'F' B' K3' '3' (K3' !' 'EA' 'NB 2BE!J% ' # 7 ' '5 ' 3 .

?' 2FH '' 23 ' 2' NF2C 2F' A23' LBE3 ' 2 ' F' 'E' 2' NF2C 2F' A23' 1F' EA3' 2C N2F2KF3' FBC ' E3' 'NF23' K ' 'G' 2E' 2K ' A2KM' 'K F23 ' 23' A2KM' E BE E3!' FB 3' 3KF' 3B M 'E 2"A M ' 2 ' 23 ' ' BC 2' 2' L 'E' A23' 1 B F23' CBF' 23' A2' 2C N F2!J% 3'%!.' #' 3 ' !

CBE1' @2' F2 2 3' FBKEA' @2' KNN2F' I ' 3' B ' @ 3' FBBC' 'F2' IB % B ' EAGC BE' 3 22N E1' 'EAVB ' (2F32K3' A2 H2F E1

" (", ')' /

EAFBC2A' ' I @ 4@' L2 BE1' B' @2' 32 ' E' @2' (' 'PPB' N'A' ' 'EA' 'F2' 2M422A E1 G' L2'K K !

@ ' > 7## ' ##860 6' ' 4BE ' E3' '' 32' 2A' 3 ' K2' B ' !' 'KA K3' 'F42 K3' R ' @2' 4BESK2FBF' B ' GF'4K32 ' 9 9!' BKEA' @2' FBBC' 'F2' F'E12A' 87' LK3 3' B ' 'E4 2E ' N@ B3BN@2F3 ' 3 ' 23C2E ' 'EA' I 'FF BF3!' CBE1' @2' CBF2' CNBF 'E ' 'F20%

: ' \ ' ;!' B4F' 23!
8!' F 3 A23 ' @2' BF' BF!
<!' 2E24'' R !
!' 'F4K3' 1F NN'!
8!' @2BN@F'3 K3!
97!' @' 23!
9\!' @2BE!
9-!' (G @'1BF'3!
9,!' 2M'EA2F 2*F2' R !
7<!' F 3 BN@'E23!
7 !')2CB3 @2E23!
7,!' F' K3!
78 ' :<!')2CB4F K3' B ' L"' A2F'!
:9 ' :7!' KF N A23!
: : ' : \ ' : ;!' BC2F!
:-!' KC2E A23!

:,!' E2 K3')BC K3' BF" LK B ' 12E2F' ' KEA2F' 'KA K3' 'EA' 2FB!
:8!' 4 N B' F 4 'EK3!
\9!' ' B' EBF!
\:!' 3N'3 '' R !
\\!' 2BN' F'' R !
;<!' @K4GA A23' R !
; !' 34@ E23!
;9 ' ; :!' N 4KFK3!
;7!' N 4KFK3' 'EA' 2 FB"' ABFK3!
;, ' ;8!' U '3 E 33'!
- !' E 3 @2E23!
-9 ' " UK 'E' @1' NB3 ' 2!
-\!' 42FB!
-;!' 2F2E42!
,9!' 34@G K3' R !

CBE1' @2' E 2F23 E1' L'3"F2 2 3' E' @ 3' FBBC' 3' BE2' B ' '' BC'E' E 2F BF' I @' '' 'AG' G E1' B' N2F3K'A2' @2F' 4' ' B' A'E42' B' '' GF2% @2' 4' ' C2'EI@ 2' 3E'NN E1' BE' 3' @ EA' 213' ' ' IB' AK403 @2' A2 ' ' B ' @2' FBBC' 3' 1 H2E' 2H2E' B' @2' 3 NN2F3' KEA2F' @2' L2A!

@ ' 7# ' 4BE ' E3' AB I E' @2' 42E F2

!' UKN 2F' E' E2FB"'E 4B ' FBC' (BF B' A EP B ' BE' 'E' ' 'F' I @' 1KF23' B ' 2F4KFG ' NBUUB' 'EA') 'E'!

B ;

9 ' :!' 2E 'KF3' E' L 1 B"CBF' B ' LG' #- ' 'EA' ' ' @2 F' E' C 23' 'F2' BE' @2' L '323 ' FBC' 'AF 'E◊3' H '!

7!' @2' GBKE1' 2F4K 23 ' BKEA' BE' @2' H2' E2!' ' 3 'EA3' BE' 'E' ' 'F' B 'UKN 2F!

? ' E' HB ' 'K' 'N B 2' KE2' 3 ' K2' A◊ 2F4K 2' F23" 2KE2 ' 2E' L '3' 2 ' SK ' F 'NN2' '332P' A23 '1F2 ' L 2C 2E ' A◊ 'LBFA ' N 'F' 2' 4BE F '3 2 ' @ 'L 2C 2E ' 2MNF C A' BK 2 B 3 ' A23' BFC 23' C B 23' A2' ◊2E 'E42' 2 ' A2' ' 'H 1K2KF' 4 'F' 4"' 2F 3 SK2' AK' @ B3!' ◊ C ' BE' A2' '' * F242' 32' C BE F2' C 2C 2' A 'E3' '' C ' 2F2' SK2' ◊ 'F 3 2' '' 4@B 3 2' ◊' 4◊23 ' KE' L '3 ' ' H2FA ' F2 ' A2' 4BK 2K ' 3BC LF2!' 3 '1BF' 3' 2 ' 4BE' 'H ' 2E ' ' ' KE' 2F4K 2' 2E' 2F ' NBKF' !2MNF C 2F' '' BF42 ' 2 ' 4BC C 2 ' A ' (E2 ' NBKF' 3 1E 2F' ◊2E2F1 2' N2F32"' H2F ' E 2' AK' A 2K!J % 3 '! !.' #' 3' !' :<;!

\!' 34K 'N K3' E' E2FB"' E 4B ' BE' 'E ' 'F ' F2NF232E E1' ''3 '4F 42!

CBE1' @2' 3 ' K23' 'EA' LK3 3' FBKEA' @2' FBBC' @2' CBF2' = CNBF 'E ' 'F2◊%

8!' 'F4K3' KF2 K3!

:!' ' ' GF!

9 !' 'AF 'E ' '3' 'F3 ' FBC' 2NF 'EB!

9 :!' 2F4K 23 ' E'1 'LFBEP2 ' BKEA' E' @2' BFKC " B 'F KC' @2' 4B KCE3' BE' 2 @2F' 3 A2' 4BC 2' FBC' @2' BCL' B ' 24 '' 2 2 ' !

/!' E' 4 2' A2' GFBE' FB 3' 2F4K 23 ' ABE ' A2KM' ' BC 2' ◊' ◊KE' A2' 423' A2C 2F3' '' NFBL ' L 2C 2E ' 32FH ' A2' C BA2 2' '' ◊ 2F4K 2' 2E' LFBEP2' ABF2' AK' 'N B 2!' 2' 3 ' K2' '' 2 2' FBKH22' A 'E3' 2' C 'F4@A' 'KM' 42K 3 ' EBE' B E' AK' 1F 'EA' 4 FSK2!' ◊ 2F4K 2' A2' GFBE' 2 ' 'A 'E3' KE' 2C N 2' 2 2H2' N 'F' (BC N22' 2 ' 3 KA' NF23' AK' 1F' EA' 4 FSK2' ◊' C ' 3' '' 3 ' K2' AK' 'N B 2 ' ABE ' 2' 123 2' 23 ' C 'E 2F2 ' SK2 ' SK2' 3B ' 3BE' C 2F 2 ' E◊23 ' N ' 3' '332P' N 'F ' 2' SK◊BE' NK 332' G ' F24BEE ' F2' KE2' B2KHF2' A2' GFBE!' (2K " P2' (BC N22' E◊ 'H ' ' N '42' A 'E3' 3BE' 2C N 2' SK◊KE2' 4BN 2' A2' ◊KE' A23' A2KM' 2F4K 23' A2' G ◊BE' 2 ' '' ABEE ' 'NBKF' ◊BF 1 E ' ◊' N2K "2 F2 ' K33 ' (E2' G' '" " ' 2 2' FBC N2!' ''H ' E 2' SK2' ◊KE' C BE F2' A 'E3' BE3' 23' ' 4 23' A2' 3'' H 2' 2 ' 2' N2K' A2' 32E C 2E ' HF' ' SK2' F' @ ' 3 ' 3BKH2E ' ''H ' 3 2' 4BC NB3 T BE' A2' ◊' K F2' 3◊' 44B ◊A2E ' 21 ' 2C 2E ' 'H24' 42 2' 3KNNB3 BE' 2 ' '' F2E"' A2E ' '332P' HF' 32C L 'L 2!' J % $' !.' #' 3' !' 9-7!

9 ,!' 24KL' !

? BK3' 'HBE3' 2' N2F3BEE ' 12' U C2' A◊ 24KL2' A 'E3' '' (2KF2K32' AK' 'N B 2!' 2 2' NF2 2EAK2' N 2KF2K32' 23 ' KE2' 24KL2' KF 2K32' 2 ' KE2' 24KL2' 2E' 32AE2 ' 4 ' F' 2 2' NBF 2' 2' 4B3 KC 2 ' 2 2+ '' 2' 123 2' 2 ' ''H H ' 4 2

(')' /') ; <-

AK' @2' F2 ' 2' A F' 3' HB BE 2F3' A2' '' N ' E BC C 2!!!!!!!!!!!!!!!! BE' F21 ' FA' 23
BKFE2' H2F3' 2' A2 ' 3 '' LBK4@2' ' E42' A23' CNF24' BE3' BE' HB ' S 2 2'
NBKFF'' ' F2' 2E 2EAK' 423' @KF 2C 2E 3 ' 423' ' LB 2C 2E 3' A2' '' ABK 2KF' 2 F2E22'
SK2' ' E SK 2' HBK K ' 2MNF C 2F' 2E' 3KNNB3 ' E ' SK2' '' C ' @2KF2K32' A4KL2'
'H' '2 2' C2 ' CBFN@B322' 2E' 4@ 2EE2 ' KE2' 4@ 2EE2' '' 'S 2 2' BE' '' 'FF' 4@2'
323' N2 3!J% 3, !.' #') 3 ' !' : ; , !

7 !' B B33' ' LK3 ' B ' E BE EK3' (K3!

=

@ ' > 7## ' 0@ ' E78 ' A2F H23 3' E' C2' FBC' @2' ' CBK3
'KE' B ' FB33B"' E 4B' @B A E1' '' LKE4@' B ' 1F' N23' B' @ 3
CBK @' BKEA' E' 'AF ' E 3' ' !' ' 3 ' EA3' BE' 'E' ' 'F
A2A 4' 2A' B' 2F' N 3!' 1' E3 ' @2' F 1@ ' "I ' ' 3' '' C ' 1E 42E
3' F4BN@' 1K3 ' I @B32' F2 2 3' CK4@' 3 KA 2A' LG' 'MC ' E
F2NF232E ' @2' L' 2' B ' @232K3' ' EA' @2' C ' PBE3!' @2'
BNNB3 2' 3' F4BN@' 1K3' @' 3' '' F2 2 ' B ') 'E '' EA' EAGC BE!'
2' 3@BK A' ' 3B' EB 42%

\ !' ' LBG' I @' '' C" 3 4!
9 !' ' LBG' I @' '' 1BB32' BKEA' E2 ' F' @2' ' 2F' E !

2 ' E B' @2' I ' ' 3' '' L ' 4O' 'L 2 % @2' 2M' 21 ' ' BF'
2E' K3" BE3K KC ' 4BE 2FF E1' CN2F ' ' NB I 2F3' ! NBE' 23T
N' 3 'E' L2 E1' @2' H2FG' 'L 2' KNBE' I @ 4@' 2EP ' A24 ' C 2A'
E' 'HBKF' B ' @2' F 1@ 3' B ' @2' N2BN 2!

@ ' > 7## ' 0@ ' &3 %' G#7$ 70 ' 4BE ' E3' @2' @F22' 12C3'
B ' @2' 4B 24 BE% ?' @2' * 'A ' BF J' ?' @2' E EBK3' B ' @2'
'N B J' 'EA' @2' ? 'KE' B ' (F' M 2 23!J' 23 A23' @232 ' I 2'
3@BK A' EB 42% 9!' NB B' I @' @2' GF2 ' 'EA' 8!' '' LK3 ' B ' !'
UKE K3' FK K3 ' @2' '33 '33 E' B ' UK K3' 323 ' F!
E' @2' 42E F2' B ' @2' FBBC' 3' @2' 1F' EA' 3 ' K2' B ' @2'
I BKEA2A' * 'K ' 12E2F' G' OEB I E '3' @2') G E1' * 'A ' BF!

?' ' 322' L2 BF2' C 2' @2' 1 'A ' BF' 2' 0
2' 2' E3' KNBE' @ 3' EA% @ 3' C ' E G' LFB I

B,

BE32E 3' B' A2' @ ' LK ' 4BESK2F3' ' 1BEG
EA' @ 3' AFBBN2A' @2 ' A' 3 EO3' 1F' AK ' G' B I %
EA' @FBK1@' @ 3' 3 A2' @2' '3 ' AFBN3 ' 2LL E1' 3 B I'
FBC ' @2' F2A' 1 ' 3@ ' ' ' @2 ' HG ' BE2' L G' BE2
O2' @2' F3 ' B ' '' @KEA2F"3@B I 2F' D' 'EA' EB I '
@2' ' F2E' ' 3 I C3' ' FBKEA' @ C % @2' 3' 1BE2!
F2' 42' 32A' @2' E@KC ' E' 3@BK ' I @ 4@' @ ' 2A' @2' I F2 4@' I @B' I BE!

?' 2' @2 ' FA' ' LK ' @2' @22A2A' EB % @ 3' 2G23'
2F2' I @' @ 3' @2 ' F ' ' EA' @' ' I ' 3' 'F' ' I ' G' D
2' F24O(A' EB ' B ' @2' 2' @2' B3 ' EBF' NF P2
K ' I @2F2' @ 3' FKA2' @K ' LG' @2') ' EKL2' ' G'
@2F2' I 2F2' @ 3' GBKE1' L ' FL ' F ' E3' ' ' ' ' N ' G!
@2F2' I ' 3' @2 F') ' 4 ' E' C B @2F% @2 ' @2 F' 3 F2
K 4@2F2A' B' C ' O2' '' BC ' E' @B A ' G!
' @ 3' FK3@2A' I @' @ 3' L BBA% 3@ ' ' @2' 2MN F2
EA' KE ' H2E12A' R' F 32 ' G2' * B @3 ' ' EA' 1 K ' GBKF' F2' X J
"5 ! -' .#&)' !&

' 3' A2 1@ K ' B' F2 ' A' E' @ 3' FBBC' @2' A234F N BE' E
7 6 70 0%

?' ' I ' 3' @' ' FBBC ' E' @2' 42E F2' B ' I @ 4@' F24 E23' @2' EBL 2' ' EA' CB3 ' N ' @2 4' 1KF2' B ' @2' AG E1' 1 ' A ' BF ' K3 ' 3 EO E1' E B' @ 3' A2' @"' 3 I BBE!' FBKEA' @2' I ' 3' 3 ' EA' @2' E EBK3 ' @2' C ' PBE ' @2' G4 ' E' NB B ' @2' UKEB' D ' ' ' CBK3' NFBAK4 BE3' B ' ' E SK2' 34K N KF2 ' ' EA' 3 ' 3@ E E1' E' @2' KEA C E 3@2A' C ' 23 G' ' EA' L2 ' K G' B ' @2 F' A2 ' ' 2' ' @BK1@' @2' C ' FL 2' @' ' 2C LBA 23' @2C ' 3' G2 B I ' I @' C2 ' ' EA' N2F@ ' N3' 4BFFBA2A' LG' @2' A ' C N' 2 ' F @' E' I @ 4@' @2G' ' G' LKF 2A' BF' 42ET KF 23!' 2F2 ' O2 I 32 ' 3' 322E' ' ' 3GC LB ' '3' ' N ' ' ' @ 3' CBC 2E ' ' 3' ' I ' 3' I B' @BK3 ' EA' G2 ' F3' ' 1B ' B ' @2' KC ' E' BK ' I @' 3' 4@B 42' B ' EEB42E42' BF' H ' 4 B32' ' ' @ ' EA ' E' @2' NF2 G' 1KF2' B ' '' 4@ A ' 4 ' 3N E1' ' ' ABH2' B' @2F' LB3BC ' LK ' ' 33 ' K 2A' LG' ' ' 3E ' O2!

? FBC ' BE2' B ' @2' I EAB I 3' B ' @ 3' 3 ' BBE ' I 2' C ' G' 322' ' ' LFB ' A' 1@ ' B ' 3 BE2' 3 2N3 ' A2342EA E1' ' BE13 A2' @2' ' E SK2' ' EA' C ' 33 H2' BKEA' BE' B ' @2' ' N B ' BI ' FA3' @2' L ' 2F2A' F KC N@ ' ' ' F4@' B ' 2N C K3' 2H2FK"3' F 1@ ' L2 B I !' ' F @2F' BE ' @2' 2G2' 3O F 3' ' BE1' @2' 2A12' B ' @2' A23B ' 2' BFKC ' I @2F2' BC ' E' I ' 3@2F I BE ' 2E' @' 1' BK ' @2 F' E2E' B' @2' 3KE ' N ' 33 E1' BH2F' '' 3@ ' N2 233' 4BE K3 BE' B ' C BA2FE' 2A 423 ' N 2A' FKA2 G' KN' ŕ @' ' E4 2E ' LF 4O' ' EA' 3 BE2' ' EA' BH2F' @2' ABC13' B ' @F 3 ' E' 4@KF4@23!

(/') ')' = / / "&

LK 'BE' @2'B A' N'H2C2E 3'B ' @2' @2E' 2CN 23' 'EA' 3KNNBF 2A' LG' @2' H2FG'N 'F3' @' 'BE42' KN@2 A' @2C!' ' '' A 3 'E42' L2GBEA% G2 'LK ' '' 2' I 'G ' 4BE3 A2F E1'@B I ' C K4@'@ 3 BFG' 3' @2'N2A' E B' @2' E 2FH2E E1' 3N'42% F 323' @2' 1F2' ' 3I 22N' B ' @2' B 32KC ' I @' @2' L K2' 3OG' LF 1@ 2E E1' @FBK1@' 3' KNN2F' 2F'B ' 'F4@23!' 'F'B ' @2'H 2I ' 3'3@K ' E'LG' @2' L'E' CBKE ' E3 ' BBO E1' K3 ' @2'3'C2 ' 'C A' ' ' @ 3'A24'G' 'EA' 4@'E12 ' '3' I@2E' BCK K3' 1 'P2A' @ @2FI 'FA' BH2F'@ 3' @' " E 3@2A' I ' !

='? E' @ 3'4@'CL2F' 3' @2' 'KE' B ' (F'!M 2 23!' ' 3' @2' C 'FL 2' C '12' B ' ''GBKE1' C 'E ' 2'E E1' @ 3'F 1@ ' 'FC' BE' @2' FKEO ' BF' 3 KCN' B ' '' F22' 0 BE2' @ 'EA' @ 'E13' 4 'F2 233 G' LG' @ 3' 3 A2 ' E' @2' B @2F' @2' @B A3' '' F'1C2E ' B ''N N2 ' BF' 3BC2' 3K4@' 3G H 'E' E3 FKC2E ' B 'CK3 4!' 3' BE G'1 'FC2E ' 6'' BE(3' 3O E' I @' @2' 4 ' I 3' KNBE' @2' 3@BK A2F ' ' 3' @' "I 'G' AB I E' @ 3' L'4O ' 2 'H E1' @ 3' CL3' 'EA' 2E F2' FBE ' B ' @2' 1KF2' EKA2!' @2' BFC ' @K3' A 3N 'G2A ' 3' C 'FH2 BK3 G' 1F' 42 K ' LK ' @ '3' '' K 2F' 'EA' CBF2' FBKEA2A' BK E2 ' CBF2' 23@ ' 'EA' 233' B ' @2FB 4' CK34 2 ' @ 'E' @2' B A' 34K N BF3' I 2F2' I BE ' B' '33 1E' B' @2 F' GN23' B ' C '34K E2' L2 'K G!' @2' 4@ 'F' 4 2F' B ' @2' '42' 4BFF23NBEA3' I @' @2' 1KF2' (' ' 3' CB3 ' '1F22 'L 2' E' BK E2' 'EA' 2 ' KF2 ' LK ' FBKEA2A' 'EA' 3BC 2 I @ ' 'HB KN KBK3 G' A2H2T BN2A ' 23N24 ' G' 'LBK ' @2' @FB ' ' 'EA' 4@ E' (' @2' EB32' 3' ' CB3 ' 3 F' 1@ ' LK ' H2FG' 3 1@ G' 4KFH23' E I 'FA ' @2F2LG' '4SK F E1' 'E' EA234F L 'L 2' 4@ 'FC' B ' 12E ' G' 'EA' @KCBKF!' @2' CBK @ ' I @' 3' K ' G2 ' A2 4 ' 2' N3 ' 322C3' 3B' F2 ' G' B' 3C 2' BK F 1@ ' @ ' ' ' 4 ' 3' BF @' '' F23NBE3 H2' 3C 2!' @2' I @B 2' 3 ' K2% KE O2' 'EG @ E1' 2 32' @ ' ' 2H2F' I '3' I FBK1@ ' E' @2' 32H2F2' C ' 2F ' ' B ' C 'FL 2% 4BEH2G3' @2' A2 '' B ' ' E ' C 'L 2' 'EA' 32E3K ' ' 4F2' KF2 ' 2 '3G ' C F @ K ' 'N ' BF' B G ' G2 ' EB ' E4 'N ' L 2' B ' L2 E1' BK4@2A' LG' N ' @B3!' ' 3' CNB33 L 2' B' 1 'P2' BE1' ' ' @ 3' 3 BE2' C '12 ' I @BK ' 4BE42 H E1' ''O EA G' 32E C2E ' B I 'FA3' ' '3' ' 3' 3KLT 3 'E42' I 2F2' I 'FC' B' @2' BK4@ ' 'EA' CLK2A' I @' '4 K ' ' 2!' ' 4BC 23' H2FG' E2 'F' B' 3BC 2' B 'BKF' N 2 '3 ' E 23 ' 3GC N ' @ 23!J% +#% $!

?'(F'M 2 2' 'H ' A ' '' (@FGEA' A2' 4@B 3 F' 2E F2' 323' BKHF' 123' 42 K ' SK(2 2' ' C2F ' ' 2' C 2KM!' (BKF' 3 'HB F' 2SK2 ' A2' 323' 4@2 3"A(42KHF2' (' F 3 2' NF2 2F' ' 2 2' K ' ''EEBE42F' SK2' 2' 2K' 'H ' 'NF 3' @' 3BE' ' 2 2F!' / 'KH2P' 3(&F '" " ' CBE' ' GF2' 2 ' CBE' C BKFX(J% 3' !.' #' 3' !' 7<8!

@2' I 23 ' BF' F 1@ ' 3 A2' B ' @2' 'N B E2' ('PP '' 3' B44KN 2A' LG' 0@ ' ! 7#7 ' '0@ ' 6 570 6' I @ 4@' 4BE ' E3' @2' (FB B'' CB 24' ' @2' (4 KF2W ' 2FG ' 'EA' H 'F BK3' B @2F' F2 '3KF23!

@2' 2' 4BKF ' ' ' @2' 2E F'E42' 3' K ' B ' @ 3 BF 4' ' F2 43' E4 KA E1' F2C ' E3' B ' IB' 1 1'E 4' 3 ' K23' B ' NB BD '' 4B B3T 3' '@2'A' B ') BC 'ED' 'EA' @2' C 'FL 2' N2A23 ' ' I @ 4@' BE42' E' @2' C 'K3B 2KC' B ' K1K3 K3' 3KNNBF 2A' @2' 4 E2F'FG' KFE ' B ' 1F NN E' ' I 2' B ' *2FC 'E 4K3 ' I @' '' H2FG' N2F 24 ' E34F NT BE!' E' @2' BNNB3 2' B11 '' 'F2' '' 3 ' K2' B ' BC2' F KCT N@'E ' 'EA' '' 1FAKN' B ' '' BE' ' '4O E1' '' @BF32' BKEA' E' @ ' L2A' B ' @2' CB!' E' @2' NBF 4B' BE' @2' F 1@ ' 3' @2' BE G' 'K @2E 4' 3 ' K2' B ' UK K3' '23'FD' BE' @2' 2 ' '' 3 ' K2' B ' K1K3 K3 ' 2'E E1' '1' E3 ' @2' FB3 FKC' B ' '' 1' 2G ' E' ' K3 BE' B' @2' L' 2' B ' 4 KC!

@ ' ! 0 0 7 ' '' 3K 2' B ' 2 1@ ' FBBC3' BE' @2' 1FBKEA' BBF ' 4BE ' E3' '' 4B 24 BE' B ' LK3 3' B ' 2C E2E ' ' 'E3' I @' '' 2I ' BF2 1E2F3' 4BE3 A2F2A' '3' E' KF' 32A' LG' '' BE1' F23 A2E42' E' BC2!' @B32' E' @2' 324BEA' FBBC ' F2NF232E E1' 'F 3 3' B ' @2' @ F 22E @ ' BKF 22E @ ' 'EA' 22E @' 42E KF 23 ' I 2F2' 2E F2 G' 2M24K 2A' ' ' @2' 2MN2E32' B ' 'EBH'!

' @2' BB ' B ' @2' 3 ' F4'32' 3' '' F23 BF' BE' LG' 4@'2 ' E12 '' B ' @2' 4B KCE' B ' ' K3') K K3!' E' @2' KNN2F' 1@ ' B ' @2' 3 ' F4'32' 3' '' L'3"F2 2 ' B ' KF K3' 2'N E1' E B' @2' 1K ' @2F2' F2NF232E 2A' '3' '' C 'F3@!

?'$ E'L '3"F2 2 'A()KE' F'H' ' 'E4 2E' ABE ' 2' 3 G 2' F2332 C L 2' '' 42 K ' A23' 1KF23' N2 E 23' 3KF' 23' H '323' A 3' 'F4@' SK23 ' 2NF&2E 2' KF K3' 2E1 '12' A 'E3' 3BE' C 'F' 3' D' 2' 4@2H' ' L ' 332' '' 2 2' 2 ' ' F2' 2' C 'F24 '12 ' SK ' 23 ' EA SK2' N 'F' A23' FB32 'KM!' 2' 1K2FF 2F' N2E4@2' 2E' 'H 'E ' NF233 '' 3'' CB KF2!' E' '' H H2C 2E ' 2E' NF232E42' A2' 2 2' 4KF 2K32' 34K N KF2 ' 2' 32E C 2E ' A()KE' E4 A2E ' @2FB SK2' NFBL 'L 2C 2E ' F22 ' 2 ' 2E' C 4F ' 2' 2C N3' A2' ()' 3N24 ' NF C 'AK' 2K' SK ' 2E' K ' 2C B E!J% 3' !.' #' 3' !' "

E' @2' F3 ' 'EA' 324BEA' 'EA E13' 'F2' C '1E 42E ' F2 2 3 ' F2NF232E E1' 2H2E 3' E' @2' 2' B ' 'F4K3' KF2 K3 ' CN!

(')' /' / 9 ' E

L2 BE1 E1' B' @2' 'F4@' A2A 4' 2A' B' @ C ' I @ 4@' I '3' I 'E BE G' A23 FBG2A ' E' BFA2F' B' I A2E' @2' BF3B ' LG' 2M 'EA2F' !

=/ UK3SK⟨' K' F21E2' A2' BC C BA2' BC 2' 23 ' F2NF232E 22' N 'F' KE2' ⁋ C 'PBE2⁄' A 'E3' ⟨234' 2F' AK' N' ' 3' A23' BE32FH' 2KF3 ' BC 2 ' 2E' $E SK2' 4BKF 2' A⟨ C 'PBE2' 2 ' 2' 1 BL2' '' ' C ' E ' F2HB ' 'F4' KF2 2' ⁄' 2' 1 BL2' A 'E3' '' C ' E' A2' BC 2' A ' 2' A2' 23 'F!J% 3' -.' !' 9 : 9!

@ ' > 7##6' ' 0@ ' 6 570 6' 4BE3 3 ' B ' 2 1@ ' FBBC3!' @2' ' ' N' E 2A' E' F234B' FBC' @2' @ 3 BFG' B ' @2' BC 'E' O E13 ' LG' @2' 757# '$ # ' 4BE ' E3' 3 ' K23' B ' $FL 'E' ! ' LG' 2FE E ⁄' 2B' 5!' LG' @2' 4 'E' * '4BCB' A2 '') K4 '⁄ ' 'EA' EEB42E ' 5!' E' LFBEP2 ' LG' 1 'FA !' @2' 9EA' FBBC ' 'ABFE2A' I @' 3KL 24 3' FBC' F2NKL 4 'E' @ 3 BFG' LG' 78 00 ' @ '3' 3 ' K23' B ' CBA2C' BC 'E' 12E2F' 3% 'F4' E BE B' B BEE' ' BCC '3B' B3N 1 B3 ' F 'E4234B' AB' LF 'EA E !' 'F B' 'FL2F E ' LFB @2F' B ' $FL 'E' !' 'EA' 233 'EAFB' 'FE232 ') KO2' B ' ('FC ' ' @2' 7FA' FBBC ' N' E 2A' LG' I @' 3KL 24 3' FBC' @2' I 'F3 I @' @2' CLF ' 4BE ' E3' @2' 'CBK3' : 4 ' # ' '0@ ' 79 0 #' BE2' B ' @2' CB3 ' E 2F23 E1' F2 43' E' @2' G!' @2' 1KF2' B ' @2' I B ' 3' B ' KEOEB I E' 'E SK G⁄' @B32' B ' BCK K3' 'EA' 2CK3' 'F2' CBA2FE!' ' @ '3' L22E' ABKL 2A' I @2 @2F' @ 3' 3' @2' I B ' A234F L2A' LG') BEG3 K3' '3' ?' 'E' 'E4 2E ' I BFO' B ' LF '33' J' 3 'EA E1' E' @2' 2CN 2' B ' BCK K3' KEA2F' @2' (' ' E2 ' BF' @2' I B ' A234F L2A' LG' 42FB ' I @B' 3N2 'O3' B ' '' 2' 1 ' 1KF2' B ' @2' BKEA2F' B ' @2' 4 G' 3K40 E1' @2' 2' 3' B ' '' I B !' @2' 42FBE 'E' I B ' I '3' 3 C40' LG' 1@ E E1' E' @2' C2' B ' @2' 1F2 ' ' BF' BF' 'EA' '

' @2' 3 ' K2' B ' 2B' 5!' 3' E 2F23 E1' '3' @ 'H E1' L22E' 2F24 2A' B' @ 3' NBNK 'F' 'F '" BH E1' NBN2' E' @ 3' 2 C2!' ' 3' E34F L2A% ?' N C ' L2F' 33 C SK2' NBE 4 3' C2CBF +!.

PP:' 9 7 ' =' /

F'4 KF2' E' @2' 2M 3 E1 ' 1KF2 ' ' F LK 2A' B' 1@ E E1 ' 3' 'AAK42A' E' NFBB ' B ' 3' A2E G' I @' !

?' * 2C EB3' @K 4' KL2F '' 4 F4KC'
KA2F2' N2EA2E 23' NK2FB3 ' 2 ' ' C L2F2' E ' F2C'
C N 'H AB3' 0 ' C' 2F2 ' 42FH 42' F2 2M ' C'
K 42F2' ' 2FEB3 ' 2 ' 4BFNBF'' E12F2' E1K ' !J
9 &".' ' H !' ;79!

?' EA' @BK ' @2' @KEA2F"3 F 4@2E' EKF22' B ' BC 2' X
@2' I B X I @B32' LF' P2E" C ' 12A' AK13' C N ' F '
@2' C O' B '4BESK23 ' G2 ' I @ E' @2' ABC 2'
@2F2 ' '3' '' C BEKC 2E ' B '' E SK2' ' F
@BK' 3 ' EA23 0% C B @2F' B ' @2' C 1@ G' @2 ' F
@ 4@' L2' 1F2 ' ' BKEA2F' 3K4O2A' FBC' @G' I A' 2'
4BF4@0A' LG' @2' BC ' E' UBH2 0 3' 2 @2F2 ' ' A ' F !
EA' @G' CL3' L ' 4O' I @' 1@ E E1% AB3 ' BK' G2 '
* K ' 6A" @G' C C BF ' ' 4KL3 ' EBF' @G' BEA' 4@ ' F12' BF12 ' RJ
'$.' .#.&% !&

'EA E1' E2 'F' @2' I B ' 3' @2' I 2 "0EB I E' 'EA' L2 'K K' 1KF2' B ' '' LBG' 2M F ' 4 E1' '' @BFE' FBC' @ 3' BB ' 4 ' 2A' @2' @2N@2FA' 'F K3!

?' '' F2332C L 'E42' AK' GN2' 3 ' E' A2' 0 NB BE' 'K' 2P 'FA' 2 ' AK' 4@ 'FC 'E ' FBEP2' AK' 'N B 2' "!' # !1 ' 57 ' $!' 23 ' FBN' F 'NN 'E 2' NBK ' SK0BE' NK 332' 32' F2 K32F '' HB F' A ' E3' 42 K "4 ' E2' E3N F ' BE' A2' ('M 2 2' BK' A2' 3BE' 24B 2!' 023 ' BK ' 3 C N 2C 2E ' KE' 2E 'E ' 'FF' 4@ 'E ' A2' 3BE' N 2A' KE2' 2N E2' SK ' 0 '' L 2332 ' 3K 2 ' E' ' 2 ' 4@ ' C N2 F2' 'E ' B1K2' 'K' ' GF2' 32' ' 3 ' E ' F2EAF2' 42' 32FH 42' N ' F' KE' 'K F2' ' GF2!' E' '' HBK K' G' HB F' KE' ' @ 2 2' L 2332' N ' F' KE2' 2N E2' N2EA 'E ' 3 '' 4BKF32' 2 ' SK ' E02E' 23 ' N ' 3' C B E3' 'FF H2' 'K' LK 0' C ' 3' '' 1KF2' 23 ' FBN' 2KE2' 2 ' E0 '' F 2E' Y A' @ 2 SK2!' 2' C BG2E' '12' 'H ' 'ABEE2' 'K33 ' 3BE' 2MN 4 ' BE' 2 ' EH2E 2' 3 '' 212EA2!' E' F ' 44BE ' ' SK0KE' 2KE2' L2F12F ' 2EHBG2' @' '' A24BKH2F 2' A2' 02EE2C ' 2 ' ' F2H2EK' 3 ' E3' 30' FFA 2F' 2 ' E2' 302 ' ' N2FC 3' SK0' B 3' A0' FF ' 4@ 2F' KE2' 2N E2' SK ' K ' L 233' ' 2' N 2A ' 2' C BG2E' 12' 'H ' ' 32E ' 2 ' 4@ ' FC 2' A2' 42 2' 4BC NB3 BE' SK6 ' E 2FNF2 ' ' ' 3 '' E ' E 2F2 ' 4 ' F' 2 2' 23 ' 34K N 22' 3KF' KE' ' F42 ' K' A2' '' 4 ' @2AF' 2' A2' ` KF 4@' SK ' A ' 2' AK' 3 24 2' A2' @ ' F 2C ' 1E2!J% 3' !.' !' 7 \!

BFC E1' N ' F ' B ' @2' A24BF' BE3' B @ 3' FBBC' ' F2' I B' E2

(/')' /' / 9 ' 7

N 4 KF23' '' A2'A' @F 3' I 0' '' CBEO' NF'G E1' 'EA' '!
F'E4234'' BC'E' ' LG' 7 #' 2'F' @2' ABBF' B ' 2M '
! 3' '' LK3 ' 3' A' B' L2' @' ' B ' UKE K3' FK K3!

?' '23 'N2EE 3' A2' HB F' A 'E3' 2' L 3 2' AK' 'N BU2' KE' H '' NBF F' 'A2'
FK K3Ķ '23 ' A 4 2' A◊2E' ABK 2F'2E' 2' 4BE 2C N 'E !' B 'L 2E' 2'H 3 '12'
'FBK4@2 ' '' L 'FL2'% 3#! ' 23' 4@2H2KM' FB A23' 4B 23' 3 ' FKA2C 2E ' 3KF' 2'
FBE ' '' N@G3 B1EBC 2' E4K 2' 2 ' 2FF L 2' AK' NF2C 2F' 4BE3K ' F2C ' E' D' ''
LBK4@2' 32FF22' F23N F2' '' A2 2FC E' BE' 2 ' (2E2F1 2D' 23' G2KM ' BFC23'
A◊KE2' C ' 2F2' 'KE' F2 ' 32' A2 '4@2E ' 2E' 4 ' F' 3KF' 2' LFBEP2' B F4 ' N ' F'
23' 3 24 23' 2 'HBK3' 2 2E ' C 'F21 'FA' M2' 2 ' 'FBK4@2!' BK ' NF23' 23 ' ''
BKH2' A2' LFBEP2!' FK K3' 23 ' A2' '' C 2C 2' 'C 2!' E' 32E 'SK◊ 'G' '' AK'
' 'A2' 42 2' BKH2' A 'E3' 2 ''H2 E23' AK' 324BEA' BEA ' 2KF' A2' BC 2 4BC C 2'
A 'E3' 23' H2 E23' AK' NF2C 2F ' 2 ' SK2' K ' 'K33 ' N ' F2 ' 'K' BCK K3' A2' ''
! 212EA2 ' C 'F4@2F'' H2F3' 3BE' LK ' '' F' H2F3' 2' 3 'E1' A23' 3 2E3!
?' 2'LK3 2' A2' FK KR' 23 ' N '42' 3KF' KC N 2A23 ' ''SK ' 2' C 2 ' ' '@' K 2KF'
A ' F21 'FA' D' ' ' A 'E3' KE' 4B E' 3BC LF2 ' ◊' ' N '332' L 2E' A23' CBC 2E 3'
'42' '' '42' 'H24' C N BG 'L 2' BEA ' 2KF' A2' '' L2F 2' FBC ' E2!>(3' ! '
#' 3' !

@2' : @' BBC' 4BE ' E3' @2' E760 ' 68#7 6' 'L 23 '
BKEA' E2'F' @2' 2CN 2' B ' E2FH '' @' 4 A 4 ' ' 'EA' ET
34F L2A' I @' @2' E ' C23' B ' NKL 4' B 42F3' FBC' BCK K3' B'
K1K3 K3!' @2' \' @' BBC' 4BE ' E3' IB' LFBEP2' AK4O3'
BFC2F G' 3@BIE' '3' @2' 3 '4F2A' 12232' B ' @2' 'N B ' 'EA' ''
2C ' 2' @2 'A% BKEA' E' @2' 1 'FA2E3' B ' ' K3 ' '' LK3 ' B '
2AK3 '' LG' : ' 'EA' C 'EG' B @2F3!' @2' ; @' BF'
@FBE2' BBC' @KE1' I @' 'A2A' 'N23 FG' @'3' '' F 2P2' E'
F234B' LG' I7# ' 7 7 ' F2NF232E E1' @2' F KCN@3' B '
4 N B' F 4 'EK3!' @2' - @' BBC◊ 3' N ' E 2A' LG' &7 # '
$7') > 7' R' I @' @2' @ 3 BFG' B ' @2' (KE 4' 'F3!' @2'
, @' BBC' 1' '' 4@'N2 ' 4BE ' E E1' '' BH2 G' F234B' LG'
! 08 @ ' B ' @2' 'ABEE '' 'EA' @ A' I @' E12 3!

? @2' 'ABEE '' 3' 32 ' 2A' 2E @FBE2A ' FBE E1' @2' 3N24 ' BF◊' @2F' 'F 2'
E 'E 2' BFC3' '' 1F 'EA' 4 '3 ' B[' AF' N2FG' D' @2' 4@ A' BE' @2F' 'N' 3 22N3' E' @2
!' !

4) 7 / /

BH2 23 KA2 3@2 B A3 @2F @ EA3 EA BBO3 AB I E SK 2 32F BK3 EA L2 K K E @2 4 BKA3 F2 I B ABF E1 E12 3 J% 1&"!

@2 BKF H E12 3 3 F2 LG 7 757%% / @2 N 4 KF23 B BC E 3 E 3 24 2M 3 K3 4@ B F E4234 " B C E LG 7 ##

G @2 3 C2 3 F4 32 N 33 E1 BE @2 2 I BEA2F K F2 2 B @2 NB @2B3 3 B @2 ! I 402A! K3 E I 2 C G FF H2 @2 ! 08 G7## 3 0@ 79 0 # I @ 4@ 4 E 3B L2 NNFB 4@2A LG 32N F 2 3 F4 32 2E 2F2A FBC E 2 @2 L 40 B @2 LK A E1 F2 4@2A LG I B FBBC3 E34F L2A I @ @2 E C23 B @2 BC E BE32FH BF3 FBC @2 C AA 2 B @2 3 M 22E @ 42E KFG! @ 3 1 2FG 4BE E3 H2FG 2 I F3 "F 2 N 4 KF23 LK @ 3 L2 K K ! 2L 3 E LG G8 $ EA 32H2F E2 I AFO3 B G0 @2 CB3 EB 42 L 2 N 4 KF23 F2%

X60 !%

9!) 32C LBA 2A N F KE E 3@2A 615 !$
7! ! UB@E N 3 61! - $
;! FG 1A 2E2 615 !$
9<! @2 KC32 E GL 3!$ -% $
9;! FG 1A 2E2 $# !##
9-! (F232E BE E @2 2C N 2) # " 3!
7<! B G C G 6 ,"
\9! ABEE EA E 3 ## -!"
;! (BF F B @ C 32 615 !$
-, ABEE EA E 3)) $- . \ 7!
,<! (BF F 9!" 01!2
,-! ! K1K3 E2 6 * $$!" $
,8! BC K K3 EA 2C K3 1 !$

0N $!%

<<! I B C 2 NBF F 3 9 $5 !
<:! ABF BE B @2 @2N@2FA3 !2 " $

(/ ' / '9 \

B f I B' (BF F' 3'0 9 $5 !
f f' 2L'3 'E0' 615 ' !$#
-!' 2BN' F'' 'EA' K1K3 K3'0 61! -%+
8f f' 2L'3 'E'0 15' --
9,f * N3G' 2 E1'' BF KE2'0 * &&
77f (BF F' 0 6 * $$' !'" $
7:f (BF F' 'B ' 4@'2' E12 B'0 9 W! 9!$1 # I
7;f (2 F'F4@'0' 6 ' !'" $
7 :9f ' H G'B ' @2' F1 E'F " $
:7f 'f' (2 FBE '0 61! - $ ' E' 2EBFCBK3' N 4 KF2' LFBK1@ '
@ @2F' FBC'" f' (2 2F{3' I @2F2' ' @'3' L22E' F2N '42A' LG' ''
CB3' 4' 4BNG!' @2' 4BC NB3 BE' 3' A H A2A' E B' I B' N'F 3!
! @2' B I 2F'F2NF232E 3' @2' LKF ''B ' '!' (2 FBE '' @2' KNN2F'
@2' '342E3 BE' B '@2F' 3N F !

6 @2' NB3 2' (2 2F' @'A' '' A'K1@ 2F' LBC' E' 'I K' I 2A B4O' I@B'
'44BCN'E 2A' @ C' E' @ 3' BKFE2G' FBC' @2' '3 !' (2 FBE '' I '3' I BET
A2F K G' ' F0' 'EA' ' 2F K3' '44K3' '' GBKE1' 'EA' EBL 2' BC 'E ' I @B'
I '3' ''@2' @2E' L24' C 2' 2E' CBKF2A' B '@2F' L2 'K G' 'EA' 3BK1@ '@2F' BF' @ 3'
I 2' ' 'EA' @2' L2 E1' H2FG' NB I 2F K ' 3@2' 2' F2A' B' F2 K32' @ C' 0 3@2' @2F2T
BF2' A23 F2A' @ C' B' F2 KFE' E' @F22' A' G3' 'EA' NFBC 32A' @' ' @2' 3@BK A'
@2E' 4' FFG' @2F' @BC 2f' K ' 3@2' NF' G2A' 2' FE23 G' B' L2' A2 H2F2A' FBC'
@ 3' N2F 60' 'EA' I @2E' '44K3' F2 KFE2A' E' @F22' A' G3' I @' 1F2' ' NBC N '
B' 42 2LF' 2' @2' C 'FF '12' @2' BKEA' @2F' A2' A!' @2' 4BC N' EG' B ' EBL 23'
I @B' ' 2EA2A' @ C ' 4' FF 2A' @2F' B' @2' 1F' H2 ' E' I @ 4@' @2G' ' A' @2F'
4FB I E2A' I @' FB323' 0 ' EA' '44K3' 'C 2E 2A' 1F2' G!J % " 3! $.'
, 3' #%!' !#,!## ' !&!$5 .

88f) 2' @' 'EA' 33KCN BE' B ' @2' F1 E' 0 " ' 5!'" ' # -!

H' 2F2' @2' A2' @' B ' @2' F1 E' 3' F2' 2A' ' ' BE42' E' '' C G3 4' ' ' EA'
AF' C ' 4' 3 G 2!' EH2 BN2A' E' '' A' FO' L K2' C 'E 2 ' 3N' E1 2A' I @'
1B A2E' 3 'F3 ' 3@2' 23' 2M 2EA2A' BE' '' 4BK4@0' f' (2 2F ' E' '' 3N 2EA A'
34' F 2 ' 4BN2' '3' L 3@BN ' F2' A3' @2' 32FH 42 0 " f' UB@E ' @B A E1' @2' N' C '
I 22N3' L 2F G!' E' FBE ' ' EA' OE22 E1' L2 BF2' @2' 4BK4@' BF' L 2F ' ' NN2' F'
@2' @F22' 1F2' ') BC E 4' E' 3' E 3' '3' I E23323' B ' @2' F2 1 BK3' C G3 2FG' 0
E' @2' 42E F2' f') BC E 40' BE' @2' 2 ' f' ' @2F E2' B ' 2E' ' 0 ' EA' BE'
@2' F 1@ ' f' @BC '3' SK E' 3!' E' '' 4BC N' F C2E ' 'LBH2' 3' @2'
33KCN BE!J %4 3! $' !&!$5 'Q?#%!# " 5 $$.' N!' 7 \!

97f F1 E' 'EA' E12 3' 0 1'" 9! $! !
9:f 'N2' B ' KFBN'' 0 1'" 9! $! !

@2 @2'A B @2 'N B 3 2N3 B @2 F 1@ B @2 2FT F'42 3 @2 2E F'E42 B @2 ! 7#744 7 7 $# @2 F23 A2E42 B @2 (FK33 'E C E 3 2F! @'3 '' 3C' LK L2'K K 1'FA2E 'EA @2 H 2I FBC @2 I EABI3 3 C'1E 42E !

? 2F'A EE2F' KE32E'4' 2A' BF'K3' 'EA' BBO'K3 F3' B'@ 3'@BK32'BE' @2' 'N B ' @2' A 2F2E ' I EABI3' B ' I@ 4@' 4BC C 'EA' @2' A 2F2E ' H 2I 3' B ''E4 2E ''EA' CBA2FE' BC2!' 2H2F'3@' ' ' BF12 ' @2'H 2Z$ B ' @2' BFC 2F!' I 2' BBO2A'AB I E'BE' @2' BFKC ''EA' K3 'BNNB3 2' I 2F2' @2' (' ' E2' 'EA' @2' H2E E2 ' I @' @2'FK E3' B ' @2' (' '42' B ' @2' C3'F3' BE' @2' BE2 ''EA' @BK323' E 2FC M2A' I @' 1'FA2E3' BE' @2' B @2F!' @2' C '33' B ' @2' B 32KC'FB32' L2GBEA' @2' BFKC ''EA' L2GBEA'' ' @2' I A2' N ' E' B ' @2' 'CN'1E'' B' @2' 32'!' E' @2' 2 ' FB32' @2' L'E'@ 3' LF 1@ ' E' @2' 32 E1'3KE' I @ 4@'N 'G2A' K ' KNBE' F234' ' 'EA' L'EB' 'EA' @2' F223' I @ 4@' 2A12' @2' 'O2 ' 'EA' KF @2F' ' I 'G' E' @2' A 3 'E42' ' 'KN' @2' B A' B I E' B ' 'L 4K C !J% $ "5 ' !##!

FBC @2 KF @2F 2EA' B ' @2 4BKF G'FA' B ' @2 ' 'F2 ' (' '42 BE2 4'E BBO' AB I E' KNBE' N'F ' B ' @2' L'F2' 4 'B ' @2 KN2 'FN2 '!' 2F2 @2F2' 2M 3 2A' ' , ; , ' '' 3C' ' 4BKF ' I @ 4@' 3 F2NF232E 2A' '3 @2 342E2' B ' @2 CKFA2F E' 'I T @BFE2 3 'FL 2 'KE ' BF ?' F'E3 BFC' BE!J @2 ABBF' @2 E 4@2 EV @2 I ' ' 'EA' ' ' B @2F A2 ' 3 C2E BE2A' E @2 EBH2 ' I 2F2 F2' 23!' @2 4@'F'4 2F B ' @2 N '42 3 EB H 4@'E12A' LG @2 F2CBH' ' B ' @2 LBKEA'FG"I ' !' @2 N'F ' B ' @2 B4O' 322E FBC' @2F2 3 @' 'K3K' G'H 3 2A' FBC' L2 B I ' LG @2 '' BF'A2 N244@ !

B F2'4@' @2 NF E4 N' ' NBF BE B ' @2 3BK @"2'3 2FE @2 1@ ' B ' @2 'N B ' I2 CK3 ' '342EA' @2 3 ' F4'32 L2GBEA' @2 (' '42 B ' @2 BE32FH' BF3 ' BE @2 F 1@ !' 2F2 I 2 3@' ' EA' BKF32 H23 KNBE @2 @ 1@23 ' N'F ' B

? @2' ' 2 'E'FB4O ' @2'4 'A2 ' '1F2' ''EA' 1 BF BK3' BC 2 ' SK22E'B ' @2' 2 'F @! B' 'F' F2EB I E A ' 'EA' I @' @2' 3NB 3' 2EF 4@2A' 'E' BE3!J' ' 5 !' !& $!5

A? ' ' -

' @2' 3 22N
'FN2 'E ' 23 ' 1B ' ' B ' F2 ' 3BE\3' F ' 42
@2' NFBC BE BFG' I @2E42' @2' F ' BF\3' 2 ' N'
KF2A' ' ' ' C L BE!J' %"5-' "5.

@2' A F G' 'E2 ' I @' 3' 3@ ' LLG' @BK323' 'EA' 1F ' 33"1FB I E' 3N ' 423 ' 'EA' @G' 4@ AF2E ' @ ' 3' 2' B' F2C EA' BE2' B ' @2' 'NN2 ' F ' E42' B ' @2' @ ' ' 3' 322E' LG' F1 ' ' EA' (FBN2F K3 ' I @B' 3N2 ' O' B ' @2' 4@ ' E12' E' @2 F' C2' FBC' 'E' 2 ' F 2F' 3N24 !

? E4' 'A' 'FN2 ' C ' 32A2C ' 2 ' 'N B ' ' AK4
KF2 ' ' EKE4 ' B C ' 3 H23 LK3' @BFF A ' ' AKC 3
U' ' C' KFE' F2 1 B' N ' H AB3' 2FF2L ' ' ' 1F23 23'
) F ' ' B4 \' 'C' KFE' 3 H ' C ' 3 ' MK C SK2' F2C 2L ' E !' J
9 &".' /$' H !' 7 : - !
? B4' SKBA4K C SK2' H A23 ' @B3N23 ' SK ' ' C ' M C ' ' BC ' ' 23 !
E 2' (@F \12C' 2E2 ' C ' 4B 3' 2 ' @2FL ' ' K !J
' ! # 1 .' H!' 2 21!' !

' I ' 3' BE' @ 3' 3 A2' @ ' ' @2' A 2F2E ' ' '403' I 2F2' C ' A2' KNBE' @2' 'N B !' @2' F3 ' I ' 3' LG' @2' 'L E2' 2FABE K3' ' ' @2' @2 ' A' B ' ' ' L ' EA' B ' 3 ' H23 ' I @B' 34 ' 2A' @2' @2 1@ 3' 'EA' 3KFNF 32A' @2' 1 ' FF 3BE ' E' !4!' : ; < ' 'EA' FBC' @2' @2 1@ 3' B ' @2' 4 'A2 ' NFB4 ' C2A' F22ABC' B' ' ' 3 ' H23' I @B' 3@BK A' B E' @ C ' I @' 'LB BE' B ' A2L 3 ' 'EA' A2 2E42' B ' 2' N 2L3' FBC' @2 F' BNNF233BF30 LK ' @ 3' B 2F3' I 2F2' A 3F21 ' FA2A ' 'EA' BE' @2' BKF @' A ' G' @2' 'N B ' I ' 3' F2" ' O2E ' 'EA' @2' I ' 3' 3 ' E' I @' E2 ' F G' ' ' @ 3' B B I 2F3!' @2' 324BEA' ' '4O ' I ' 3' LG' @2' * ' K 3 ' I @B ' '44BFA E1 ' B' @2' I 2 "OEB I E' 3 BFG ' 4 CL2A' @2' FB4O' E2 ' F' @2' (BF ' ' 'FC2E ' 2 ' 'EA' @ ' A' E2 ' F G' F2 ' 4@2A' @2' 3KCC ' KEBL32FH2A% BF' @2' AB13' E2T 1 24 2A' B' L ' FO% I @2E' @2' 4F 23' B ' @2' 3 ' 4F2A' 12232' B ' UKEB' 'FBK32A' 'E' B 42F' E ' C2A' 'E K3 ' I @B' FK3@2A' B' @2' A2 2E42 ' 'EA' @KF 2A' BH2F' @2' NF24 N 42' @2' F3 ' '33 ' 'E ' I @B' AF ' 112A' AB I E' B @2F3' E' @ 3' ' ' 'EA' @K3' @2' 'N B ' I ' 3' 3 ' H2A!' E' F2C2CLF ' E42' B ' @ 3' E4 A2E ' ' ' 1BB32' I ' 3

, 9 8 A

'EEK' G 4'FF 2A E F KCN@ 'EA '' AB1 'EEK' G 4FK4 2A KNBE @2 'N B L2 I22E @2 2CN 2 B KCC'EK3 'EA @' B BK @! @ 3 I'3 @2 3'C2 'E K3 @2 F 2EA B @2 N2BN 2 I@B I'3 ' 2FI'FA3 4BEA2CE2A LG @2 N' F 4 'E3 BE NF2 2M @' @2 "I 3@2A B C'O2 @ C32 O E1 'EA @FB I E FBC @2 'FN2 'E FB4O BE @2 3'C2 3NB E 3 1@ B @2 BFKC I@2F2 NKF K3 '33 K3 'E 2M"64BE @'A L22E @FB I E ABI C L2 BF2! B H 3 @2 N'F B @2 FB4O FBC I@ 4@ @232 2M24K BE3 CK3 @'H2 'O2E N '42 3 E24233'FG B 2E 2F '' 2 1'FA2E E2'F @2 *2FC'E B3N ' I@2E42 @2F2 3 ''L2'K K H 2 I B @2 F H2F 'EA @2 H2E E2!

/'/ > K 'EA' BE' H2K 'H 3 2F' ''FB4@2' 'FN2 2EE2 'BE' 3BEE2' 'KE2' NBF 2' A2' N2E' A' NN 'F2E42 ' 3KF' 'SK2 2' 3BE '24F 3' 423' C B 3 W FF'' ! $E2' N 'KHF2' 2C C 2' 'FF H2' 2 'HBK3' C 2E2' A 'E3' KE' 4 'FF2' A2' 4@BKM!' 23 ' A2' '' SK BE' NF24 N '' 'E K3!' U2' 32F' 3' A23B 2' SK2' 2' 4 'FF2' A2' 4@BKM' C 'E"' SK ' !J% 3'! ! ' # #'5!' 3!

@ 3 3 A2 B @2 E 2FCBE KC 3 EB I 12E2F' G OEB I E '3 0 79 '' E'C2 I@ 4@ CN2F2 A2F H23 FBC @2 '4 @' ! 2 BH 3 @2 FK34'E A2' B UKN 2F I '3 ' I 'G3 F2NF232E 2A I @ '' 1B' ! E @ 3 3 A2 B @2 @ @2 Y H 'AK4 FBC @2 (' ' E2 LK LG ' 1K '' I@B ' 24 2A B F2SK F2 B '4 ' 2 4BCCKE 4' BE I @ @ 3 F 2EA UKN 2F B E2A @2 'N B E2!

2 @'H2 3 B 2M'C E2 @2 EBF @"2'3 2FE @2 1@ @2 3 2 B @2 CB3 E 2F23 E1 B N'1'E 2CN 23 EB I B44KN 2A LG BE2 B @2 CB3 E 2F23 E1 B @F 3 'E 4@KF4@23! @2 E'C2 B @2 'CBK3 @8 @ 7(# 3 12E2F' G ' T F LK 2A B 'E ' 'F 2F24 2A LG K1K3 K3 B 4BCC2CBF' 2 @2) 2 N@ 4 BF'4 2 F23N24 E1 @2 4BC E1 B BKF 'H BKF

' (E! ' ' 3 'MM M' :' ' (K ! BF' BC! ' 3 ! BC! ! 7,9!

I @ 4@ 3 3 F24B1E 32A E @2 I 2 "OEB I E @GCE B @2 @KF4@ 0

23 2) 'H A 4KC LG '!

@2 ' 'F LBF2 @2 E34F N BE ?' F '' (F CB12E) 2 !J @B32 I @B 322O '' CBF2 @KCL 2 BF 1 E BF @2 4@KF4@ 3'G @' @2 E'C2 C2F2 G A' 23 FBC C2A '2H' C23 I @2E I '3 4' 2A ? '! 'F '' E KFB442 B!J BF 1 E' G L2 BE12A B @2 2E2A 4 E2 FA2F LK I '3 F'E3 2FF2A B @2 F'E4 34'E3 LG EEB42E ! E 9\9 3 E42 I @ 4@ C2 3 4BEH2E @'3 B44KN 2A 'E CNBF 'E NB3 BE '3 @2 F23 A2E42 B @2 *2E2F'' B @2 EBF F'E4 34'E3J *F2G'" F 'F3 ''EA 3 @2 42E F2 B F2 1 BK3 2 E @' FA2F!

@2 3 ' F4'32 BE @2 2 B @2 2E' BF3(N' '42 I @ 4@ 2'A3 B @2 3 A2 2E F'E42 B F'" B2 3 E 32 K B @ 3 BF 4'' '33B4 ' BE3! I '3'' 3 @2'A @' ' 2F K3 @2 4BE3K I '3 0 2A E @2 4BE 4 I @ 2FABE K3 BF @2 NB33233 BE B @2 'N B ! I '3 AB I E @2 'E4 2E 3 2N3 BE @ 3 3 2 @' EE K3 @2 2EHBG B @2 ' E3 2 % 7:< 'EA I '3 E2'F G 0 2A '' 2F @ 3 'KA'4 BK3 NFBNB3 BE E @2 2CN 2 B UKN 2F @' @2 ' E3'EA BC' 3 3@BK A L24BC2 BE2 E' BE 'EA @'H2 '' 4BC CBE 32E' 2 'EA 4BE3K 3! 2F2 ' 3B E ' 77 L2F K3 *F'44@K3 I '3 OEB402A AB I E I @ @2 21 B '' 4@' F 'EA 0 2A E FBE B @2 2CN 2 B UKN 2F!

3 ' @2 BN B @232 3 2N3 @' @2 CBE03 B F'" B2 I @B F'2 42 2LF' 2A '3 A2E 3 3 N2F BFC @2 F @ A2BK3 LK K32 K 'EA 1F' K BK3 BN2F' BE3 I @ 4@ C'G L2 I T E2332A @2F2 2H2FG CBFE E1 X

H2F @2 3 A2 2E F'E42 B F'" 42 3 '' L2'K K CB3' 4 B @2 F1 E 'EA @ A! @ 3 @ @2 'E4 2E LF 40 'F4@23

@2 ;;) 23 F' J' LG BCC '3B' A ' 2 'EB ' B @2 BKF 22E @ 42E KFG' ' ?' (2F 1F'AK3 SK '3KE ' 3KN2F ' NKC KC' BC 42C!J

9<' "] ' ' /

'LBH2' F'C E1' F'1C2E 3' B ' A22N' L K2' 3OG%'EA' @2' IBFE' 3 2N3' L2 B I % BFC3' '' 3KL 24 ' A2'F' B' BC'E' 'F 3 3 ' 'EA' 3' B 2E' E FBAK42A' '3' '' L'401FBKEA' B' 1FBKN3' B ' CBE03' 'EA' N2'3'E 3!' @2' E 2F BF' B ' @2' 4@KF4@' 3' H'3 ' 3B 2CE' 'EA' @ 1@ G' N 4 KF23SK2!' ' I '3' @2F2' '3' * LLBE' @ C32 ' 2 3' K3' @' ' BE' @2' \ @' B ' 4 BL2F' -; : ' '3' @2' 3' ' CK3 E1' 'C A3' @2' FK E3' B ' @2' 'N B ' I@ 2' @2' L'F2" BB 2A' F 'F3' I 2' 3 E1 E1' H23N2F3' @2' A2''B ' IF E1' @2' ?') 24 E2' 'EA' ' ' J' B ' @2' 4 G' F3 ' 3 'F 2A' B' @ 3' C EA!

?' 3' I 2' ' @2' 1F2' '4KF ' E' 'EA' NK3@' E B' @2' 4@KF4@' '' ' E 'N2F KC2' B ' E42E32' 3' K 23' @2' EB3 F 3!' @2' 1B A2E' 3KE32 '@KF3 3' E' '3' @2' 4KF ' E' B ' @2' I 23 'ABBF' 3 I 'G3' BFI 'FA ' KC E' 23' @2' CB3' 4' BBF' 4' 4@23' BE' @2' F 4@' 1B A2E' 42 E1' 'EA' '3@23' @2F2' 'EA' @2F2' BH2F' @2' 4FB I A' 1' @2F2A' E' N N@' EG ' BE' 3BC 2' LF 'E ' 4B3 KC 2' BF' 4 B32 G' 3@'H2E' @2' A!' ' 3BF 3' B 'N2BN 2' 'F2' @FBE1 E1' @2F2' 3BC 2' OE22 E1' L2 BF2' @2' 3@F E2' B ' @2' 'ABEE' ' I @ 4@' 1 2' C 3' I @' 3' @KEAF2A3' B '3 H2F' HB H2' @2' F 3 ' 213' 'EA' 'FC 3' 3BC 2' 3 2E E1' B' @2' NF2' 4@ E1 ' 3BC2' 4FB I A E1' FBKEA' @2' 4@' N2 ' B ' @2' ! !' ' A' I BC 2E ' @' 11'FA' 'EA' I F EO 2A' 4BC 2' B 2F E1' ' BE1' I @' @2 F' - "5 $' B '4B' 3' AFBN' ABI E' BE' @2 F' OE223' B' NF' G ' 'EA ' '3' GBK' N' 33 ' E 2FNB ' 2' E' @2 F' NF' G2F3' '' N' F2E @23 3' B ' L211 E1!' @2' 4@KF4@' 3' EB ' 'F4@ 24 KF' G' @'EA3BC2' LK ' ' 3' 2C E2E G' N 4 KF23SK2 ' I @' 3' F2 43' B ' 42E KF 23 ' 3' CB3' 4' NK N 3' 'EA' BBF3 ' 3' F234B23' B ' (E KF 44@ B' 'EA' (23'FB ' 3' 'E SK2' 4B KCE3 ' 3' F 4@' 1B A2E' 42 E1 ' 3' 1B @ 4' C 'K3B 2KC' B' @2' 'H2 ' 'EA' 3' C2A 2H' ' BCL3!' 'A C ' A E1G' BBO' 3' BH2F' ' % LK ' ' 3' @2' A CE233' B ' 'A2A' 3N 2EABKF' ' EA' BE2' 4' EEB ' 3 'EA' @2F2' OEB I E1' @2' @ 3 BFG' B ' @2' 4@KF4@' 3' 1F2' ' 'E SK G' 'EA' @2' H' F 2A' BF KE23' '@'3' OEB I E ' I @BK ' '' N24K 'F' 32E32' B ' E 2F23 ' 'EA' N 2' 3KF2!

? ' I '3' @2F2' @' ' BCK K3' E' @2' 1F"2G' A ' I E E1' B ' BC 2' LK ' @2' 2C N 2' B ' UKN 2F' 2F2 F K3!' ' 2F2' @2' ' " ' ' 3 ' I 2F2' A2NB3 2A!' 2F2' @2' F KCN@' ' NFB4233 BE3' B ' @2' 2C N2FBF3' 'EA' 12E2F' 3' 2EA2A!' 2F2' @2' H 4 BF3' N' K32A' L2 BF2' C ' 0 E1' @2 F' HB I 3 ' KE ' FBC' @2' 'C 2F E2' NF 3BE3' L2 B I ' @2' C 233' 12' 4' C 2' B' 'EEBKE42' @' ' @2 F' EBL 23 ' NF 3BE2F' 'EA' H 4 C% I @ 2' @2' 4 'E1' B ' @2 F' F KCN@' 'EA' @ 3' A2 2' 'FB32' F E1 E1' E' L 3' 2' F3 ' 'R' @2' NFB4233 BE' '342EA2A' @2' 3 2N3% @ 'A' 2MN ' 2A' I @' A2' @' @2' 4F C 2' B ' L2 E1' @2' 2E2C G' B ' BC 2!' E' @2' 3 2N3' B ' F'" B3 ' E E2 22E' 42E K A23' '1B' @2' F3 ' 1F2' ' C3' F'4 CL2A

BE' @ 3' 0E223' ' 2F' @ 3' F3 ' F K C N @!' ' @2 F' L '32 ' 2EP ' @2' '3 ' B ' @2' BC 'E' F LKE23 ' 2 '% 'EA' ' @2' F 'A BE' B ' @2' @KF4@' 3' B' L2' FK3 2A ' ' I '3' BE' @2' 3 2' B ' @2' NF232E ' @ 1@' ' 'F' @' ' K1K3 K3' 2F24 2A' @2' / F'' (F C B12E ') 2 (' B' 4B C C 2C BF' 2' @2') 2 N @ 4' NFBN@24G' B ' @2' 4BC E1' B 'BKF' 'H BKF!' 'EA E1' BE' '3NB ' 3B' @FBE12A' I @' C 2C BF 23 ' @2' AK 23 ' C '1 E' BE' '023' F2!' @2' BFC 3' 'EA' 342E23' B ' @2' N '3 ' F 32' FBC' @2 F' 1F' H23' 'EA' N '33' L2 BF2' K3 ' 'EA' @2' ' 4 K ' ' 'EA'H 3 BE ' FG' ' F2' C E1 2A' B12 @2F' E' 3 F ' E12' NB2 4' 4BE ' 3 BE > ('5 3 .' !' -7!

@2' BBF' B ' @2' 4@KF4 ' 3' B ' @2' 'E4 2E ' CB3' 4' 0EB I E' '3' NK3' 2M 'EAF EKC!' @2' E 'H2' 3' 32N 'F' 2A' FBC' @2' ' 3 23' LG' I2E G" IB' 'E4 2E ' 4B KCE3 ' B ' I @ 4@' IB' 'F2' B ' 4 NB EB ' IB' B ' I @ 2' C 'FL 2 ' 'EA' 2 1@ 22E' B ' 1GN 'E' 1F 'E 2!' @2G' 'F2' B ' H2FG' A 2F2E ' BFC3' 'EA' 3 P23 ' 'EA' @ 'H2' NFBL 'L G' L22E' 4B 24 2A' FBC' H 'F BK3' N '1 'E' 2A 423!' @2' E34F N BE' ?' ' KL 4K B' K1K3 BFKC' J' KNBE' @2' @ FA' 4B KCE' BE' @2' 2 ' B ' @2' E 'H2 ' 3@B I 3' @ ' ' ' I '3' LFBK1@ ' FBC' @2' (' '42' B ' @2' '23 'F3!' @2' I EAB I 3' E' @ 3' 4@KF4@' 'F2' 'CBE13 ' @2' 2 I ' E' BC 2' I @ 4@' 3@B I ' F '423' B ' 1B @ 4!' ' @2' 2EA' B ' @2' E 'H2 ' BE' 2 @2F' 3 A2 ' 'F2' IB' 'CLBE23 ' C 'FO E1' @2' NB3 BE' B ' @2' 4@B F' L2 BF2' ' I '3' 2M 2EA2A' B' 3' NF232E ' 3 2' E' @2' 3 M 22E @' 42E KFG!' =

@2' F 'E32N 3' 'F2' K ' B ' E 2F23 E1' CBEKC2E 3!' @' ' BE' @2' F 1@ ' 3' @2' LKF ' ' N '42' B ' @2' 1F2 ' ' 'C G' B ' 'H2 ' 'EA' 4BE ' E3% BE' @2' 2 ' @2' CBEKC2E ' B ' K4 ' ' 'H2 ' 9 ; ' ' @2F' B ' (BN2' BEBF K3' ! ' 'EA' @ 3' 3BE' ('EAB B % ' 'E' 'E4 2E ' 'EA' F 4@ G' 34K N KF2A' 3 'F4BN@ '1K3 ' B' I @ 4@' '' 1B @ 4' 4 'EBNG' I '3' 'AA2A' LG' % 6 ' 'EA' % # ' $7' 7' FBC' A23 1E3' B ' * B B!' NNB3 2 ' 3' @2' BCL' B ' @2' CB @2F' B ' BEBF K3 ' 'E' ' ABLF 'EA234 ' ' KNBE' I @ 4@' 3' @2' 3 ' K2' B ' @2' NBN2' @ C32 ' F2 CBH2A' FBC' @ 3' CBEKC2E ' E' @2' B A' !' (2 2F\3 LG' ('K ' !

E' @2' 2 ' B ' @V @ 1@' ' 'F' 3' @2' BCL' B ' 'FA E'

* ‘EL‘ 3 ‘‘ ‘H2 ‘BL!‘ :8, ‘ ‘EA‘E2‘F‘ % E‘ @2‘N‘H2C2E ‘ @2‘ @‘ "2 ‘42A‘ 1F‘H23 BE2‘ B ‘ 1 3CBEAB‘ BE ‘ I@B32‘ 2‘ KF23‘ ‘F2‘ 3B‘ ‘C ‘F‘ B‘ K3‘ FBC‘ @ 3‘ NBF F‘ ‘ E FBAK42A‘ E B‘ @2‘ ‘CBK3‘ N 4 KF2‘ B ‘ @2‘ ‘ABEE‘‘ A ‘ B 1EB ‘ I@ 4@‘ I ‘3‘ N‘ E 2A‘ LG‘ ‘N@‘2 ‘ ‘ ‘ @ 3‘ BFA2F‘ ‘EA‘ NF232E 2A‘ LG‘ @ C‘ B‘ @ 3‘ 4@KF4@‘ I @2F2‘ ‘ F2C‘ E2A‘ BH2F‘ @2‘ @ 1@‘ ‘ ‘F‘ ‘ \ ; \ ‘ I @2E‘ @ 3‘ 1F2‘ ‘E 242‘ EE‘‘L24‘C2‘ ‘‘ EKE‘ ‘ ‘ 2‘ 4BEH2E ‘ B ‘ @2‘ BE 2332‘ ‘ ‘ B 1EB ‘ ‘EA‘ "I‘3 ‘ B I 2A‘ B‘ 4‘FFG‘ ‘ ‘I‘G‘ I @‘@2F!‘ E‘ @2‘ 2‘3 ‘ F‘E32N ‘ 3‘‘EB @2F‘ E2‘ 1B @ 4‘ BCL‘ @‘ ‘B ‘ ‘FA E‘ ‘ ‘ 2B‘A ‘ 4SK‘3N‘F ‘‘ 7<9 ‘ ‘‘ *2E2F‘ ‘ B ‘ @2‘ F‘E4 34‘E3‘ C2E BE2A‘ LG‘) ‘E 2‘ BF‘ @ 3‘ I 32‘ ‘EA‘ CBA2F‘ 2‘FK 2! ‘ @2‘SK‘ E ‘4@‘N2 ‘ E‘ @2‘ C AA 2‘ B ‘ @ 3‘ F‘E32N ‘ EB I‘ A2A 4‘ 2A‘ B‘ ! 2 2E‘ ‘ 3‘ 3KNNB32A‘ B‘ B44KNG‘ @2‘ 3 2‘ B ‘ @2‘ ?‘ F‘‘ (F CB12E ‘) 2 !J

$NBE‘ @2‘ N 2F‘ E2‘F‘ @2‘ ‘CLBE2‘ B ‘ @2‘ 1B3N2 ‘ 3‘ @2‘ CBEKC2E ‘ B ‘ >K22E‘ ‘ @2F E2‘ B ‘ B3E ‘ ‘ I @B‘ A 2A‘ ‘ ‘ BC2‘ E‘ : - , ‘ L2SK2‘ @ E1‘ @2F 3 ‘ 23‘ B‘ @2‘ BC‘E‘ @KF4@‘ BE‘ 4BEA BE‘B ‘ @2 F‘F2H2F3 BE‘ B‘@2F‘ 3BE‘ I @B‘@‘A‘ 2CLF‘42A‘ ‘@BC C2A‘E 3C ‘ ‘@2‘ 3@BK A‘ F2 KFE‘ B‘ @2‘ ‘ @B 4‘ ‘ @!‘ 2‘F‘ @ ‘KNBE‘ @2‘ F‘E32N ‘ I6‘ ‘ 3‘ @2‘ BCL‘B ‘ 2 42‘ A2‘ F2A 3 ‘ BL!‘ \98 ‘KNBE‘ I @ 4@‘ ‘ 3‘F24BFA2A‘ @‘ ‘ @2‘ I ‘3‘ @2‘ EA2F‘B ‘ @2‘ ‘B4BBE!‘ @2‘ @‘N2 ‘ B ‘ @2‘ EEKE4 ‘ BE‘ BN2E E1‘ FBC‘ @2‘ I 23 ‘ ‘ 3 2 ‘@‘3‘ ‘‘ BCL‘ B‘ *!‘ F H2 ‘LG‘) BE‘ 2 B ‘ L2‘F E1‘ @ 3‘ 3 1E‘ KF2‘ ? NK3‘) BE‘ 2 ‘ BF2E"‘ E !J‘ @2‘ @‘N2 ‘B ‘ ‘E ‘‘ FB42‘ 3‘ @2‘LKF ‘ ‘N ‘42‘B ‘ @2‘ (BEP ‘E ‘ ‘C G‘ ‘EA‘ I ‘3‘!‘ @2‘ 342E2‘ B ‘ @2‘ 42 2LF‘ 2A‘ 243 ‘3G‘B ‘ @2‘ ‘HBKF 2‘ BC‘E‘ 3‘ E ‘ F‘E4234‘‘ BC‘E‘!

?‘ @2‘CBF ‘ ‘F2C ‘ E3‘B ‘ ‘EBPP‘‘(BEP ‘E ‘ 3 3 2F" E" ‘ I‘B ‘ F‘E4234‘ ‘ I 2F2‘ ‘ A‘ E‘ @2‘ 4@ K‰4@‘ B ‘ ‘" B2 ‘ E‘ @2‘ 4@‘N2 ‘ B ‘ ‘E ‘‘ FB42!‘ @2‘ BC ‘E‘N2BN 2‘ F23BF 2A‘ @2F2‘ E‘4FB I A3‘ B‘L2@B A‘BE42‘ C BF2‘ @2 F

BH2A' L2E2 '4 F233% @2' C B @2F' B ' @2' NBBF ' @2' 4BE3B 2F' B ' @2' ' 4 2A!'
' 3 FBH2' B' 4 ' EG' ' I ' G' 3BC 2' 2' C 2C BF ' ' B ' BE2' I @B' @ ' A' 1BE2'
'LBK ' ' C BE1' @2C' AB E1' 1BBA ' ' EA' AKF E1' @2' @F22' A ' G3' I @ 4@' NF242A2A'
@2' E 2FC 2E ' @2' 4BE4BKF32' A A' EB ' ' L ' 2!' E' @2' A ' G' B ' @2' KE2F' '
F' E4234 ' ' OE2 ' BE' BE2' 3 A2' B ' @2' 4B E ' ' EA ' E' 3 1@ ' B ' ' ' @2' 4FB I A '
3@2' I ' 3' I F' NN2A' E' 243 ' 3G!' @2G' 3 ' I ' @2F' LBAG' 2A' FBC' @2' 1FBKEA '
'EA' ' ' 32F' N@ 4' 2MNF233 BE' E' @2F' KN 2A' ' 42!' @2G' @2 ' FA' @2F' CKFCKF'
32H2F' ' C23' I @' 'E' EA234F L ' L 2' 2CN@ ' 3 3' @2' I BFA' / > K ' EABR'
> 'EABR{ @2E' ' ' I ' 3' BH2F ' 3@2' 3 'F2C ' E2A' C C BH2 ' L 2' D' '322C 2A'
'3' '@2F' 3BK ' @ ' A' F 32E' BE' @2' I E13' B ' NF' G2F ' 'EA' B B I 2A' 'EBPP' {3'
3N F ' E B' @2' F2' C3' B ' L 33!' ' ' 3 ' @2F' 4BE 233BF' BFA2F2A' @2F' B' F 32'
'EA' 1B' 'EA' ' 2EA' BE' @2' 3 4O!' @2' E3 'E G' 4BCN 2A ' 'EA' I ' O2A'
' I ' G' B' @2' @B3N ' ' I @ 4@' 3@2' @ ' A' BKEA2A ' ' NN ' F2E G' KE4BE34 BK3' B '
2H2FG @ E1' 'LBK ' @2F ' 'EA' BE G' FBK32A' FBC' @2F' F ' E42' LG' @2' @ ' L 'B '
BL2A 2E42 ' I @ 4@' E' BF' BK ' B ' 243 '3G ' E2H2F' BF3BBO' @2F > (5 '
6! & $ ') 1'"! # $7' ,!' ,' # ') ' 3 $

@2F2' 'F2' 32H2F' ' 1BBA' N 4 KF23' BH2F' @2' ' 'F3' E' @2' ' 3 23'
B ' F'" B2 !' E' @2' @ ' N2 ' B ' !' 'F1 ' F2 ' B ' BF BE ' '
'F2' F234B23' K3 F ' H2' B ' @2F' 2' LG' E # 99 ' 57 % # 60 % E{'
@ ' ' B ' !' E BE B ' F234B23' LG' # ' $7' ! 67 ' D% LK ' EB'
BE2' 3@BK A' BC ' H 3 E1' @2' F3 ' 4@ ' N2 ' BE' @2' F 1@ ' B ' @2'
Y I23' ABBF ' A2A 4 ' 2A' B' !' 2FE ' FA EB' B ' 2E ' ' ' 'EA' N ' E 2A'
@3' ! 7 $ ' ! 08 @ ' I @B' @ ' 3' NK ' BF @' @ 3' L 'NB I 2F3'
B' AB' @BEBKF' B' @ 3' N ' FBE' 3 ' E ' I @' '' 32F 23' B ' 2MSK 3 2'
F234B23 ' F2NF232E E1' @ 3' '33KC E1' @2' CBE ' 3 4' @ ' L ' @ 3'
NF2 ' 4@ E1 ' @ 3' H 3 BE' B ' @2' 'H BKF ' @ 3' N2E 2E42 ' A2 ' @ ' 'EA'
LKF ' !

CB3 ' BNNB3 2' @ 3% 4 B32A' 2M42N ' AKF E1' N N@ ' EG% 3'
@2' @ ' N2 ' B ' @2' ! 6 9 ' I @2F2' = @2' 'CBK3' C ' 12' B ' @2'
7 0 66 ' : 7 I ' $ 7' 7# ' 3' 3@B I E' ' ' @ ' ' 32 ' 3BE' G E1'
E' '' C ' E12F!

? @2' 3 CN 2' C2 ' E E1' B ' @2' 2FC' ! ! ' ' 3' '' C ' E12F0' LK ' ' 3' ' 3B'
K32A' E' @2' @KF4@' B' 3 1E G' '' F2NF232 [' BE' B ' @2' L F @ ' B ' @F 3 !' E'
@2' F ' " B2 ' @2' I @B 2' B ' BE2' B ' @2' 3 A2"4@ ' N2 3' 3' A2HB 2A' B' @ 3'
2M@ L BE!' E' @2' BF21 KEA' 3' '' 1FB B ' E' I @ 4@' 3' 32 ' 2A' @2' F1 E

'FG ' I @'UB32N@' ' '@2F'3 A2' 'EA' @2' C F'4K BK3' 'CL EB' E'@2F' 'N!' C C2A ' 2 G' L2@ EA' 'F2' 'E' '33' 'EA' 'E' BM!' E' BE2' 3 A2' OE22 ' @2' 3@2 F@2FA3' 'EA' O E13' E' 'ABF' BE' D' 'EA' 'LBH2 ' * BA' @2' ' @2F' 3' 322E' 3KFFBKEA2A' LG' 4FB I A3' B ' 4@2FKL3' 'EA' 'E12 3' N 'G E1' BE' E3 FKC2E 3 ' '3' E' @2' 2 'F G' N 4 KF23' B ' 'N@ ' 2 !' E' @2' L' 4O1FBKEA' 3' '' 342E 4' F2NF2T 32E ' BE' B ' '' N '3 BF' ' 'EA34' N2 ' BE' I @ 4@' ' ' @2' 3O ' B ' @2' 342E2'" N ' E 2F' 3' 2MN2EA2A!' @2N@2FA3' 1K' FA' @2 F' B4O3' 'F' ' I 'G ' F2NB3 E1' KEA2F' N ' C " F223' BF' 3 'EA E1' BE' 1F22E' 3 BN23' I @ 4@' 1 B I ' E' @2' 3KE3@ E2!' @2' A 3 'E423' 'EA' N2E3N24 H2' 'F2' 'AC F'L 2!' E' @2' C AA 2' 1FBKEA 3' '' 4FG3 ' ' BKE ' E' B '1 '33 ' E2 'F' I @ 4@ ' 3@22N ' NF2 2FE' KF' G' I @ 2 ' 'EA' C 'A2' B ' F2' ' I BB ' 'EA' 4B BE' I BB ' 'F2' 22A E1 ' 2EA2A' LG' 1KF23' B ' 3@2N@2FA3' 4' FH2A' E' I BBA!' ' E2 'F2F' 4BC 2' I BC 2E' L2 'F E1' 1F2' ' L' 3O2 3' B ' F2' ' BF' E123' 'EA' B @2F' FK 3' BE' @2 F' @2' A3!' ' @2' E2 'F2F' 1KF23' 'F2' K "3 P2A ' 4 ' FH2A' E' I BBA ' N ' E 2A ' 'EA' AF2332A' E' 'NNFB'" !NF ' 2' FBL23!' @2' C F' 4K BK3' 'CL EB' 3' '' N ' E 2A' AB ' 3 I ' AA 2A' E' '' I @ 2' AF233 ' I @ 4@' 3' 4FK3 2A' BH2F' I @' C ' 1E 42E ' A ' CBEA3 ' 2C 2F' A3 ' 'EA' FKL 23!' @2' F1 E' ' 3B' I 2 ' F3' E' @2F' 2 'F3' 3KN2FL' A ' CBEA' N2EA ' E 3!' @2' 12E2F' ' 2 24 ' B ' @2' 342E 4' 3@BI'" 3' 'AC F' L 2 ' ' NA' 4FB I A3' B4O' B' ' 'EA' NF233' 'LBK ' ' ' 'A 'G' BE1!

? @ 2' @ 3' 3' 'O E1' N ' 42' BE' BE2' 3 A2' B ' @2' 4@KF4@ ' BE' @2' B @2F' 3' '' H2FG' A 2F2E ' 'EA' SK 2' '3' 3 E1K 'F' 'E' 2M@ L BE!' FBKEA' BE2' B ' @2' 'E SK2' 4B KC E3' '' 3 '12' 3' 2F24 2A ' FBC ' I @ 4@' 2' C ' A2E3' 'F2' F2T 4 E1 ' I @' 2H2FG' O EA' B ' NF2 G' 123 4K ' BE ' 32FCBE3 ' A ' B1K23 ' 'EA' 2' 3N224@23 ' E' 2MN 'E ' BE' B ' @2' - !' 'BNNB3 2!' BC2 C23' I B' B ' @2C ' ' '2E1 '12A' E' ' 2FE' 2' SK23 BE3' 'EA' 'E3 I 2F3' 'LBK ' @2' CG3T 2F 23' B ' @2' E4 'FE' BE' 'EA' @2' 2A2C N BE!' BC2 C23' @2' F24 ' BE' 3' '' N 2BK3' A234F N BE' B ' @2' '1BEG' B ' @2' 'H BKF' 'EA' @2' 3K 2F E13' B ' @2' 'ABEE ' ' @2' 1F2' 23 ' 3 F233' L2 E1 ' @B I 2H2F ' ' I 'G3' ' A' KNBE' @2' ' 2F!' ' @232' 2' 3N224@23' @ ' H2' L22E' I F 2E' BF' @2C ' LG' @2 F' NF 23 ' BF' 3BC 2' F2 1 BK3' F 2EA ' 4BC C 2A' B' C 2C BFG ' 'EA' NF ' 4 32A' I @' 'NNFBNF ' 2' 123 KF23' BH2F' 'EA' BH2F' '1' E' ' ' @BC2!' @2 F' 2' N N E1' HB 423' 'F2' 3BC 2 C23' 1K G' B ' 3K4@' 4BC 4' LF2 'O3' 'EA' 4@ 'E123 ' @ ' ' @2' 4FB I A' ' LBK ' @2C ' FK3 23' E 4V'' CKFC KFBK3' 'K1@ 2F!' BC2 C23 ' ' 3B' BE2' B ' @2' 2' NF2 ' 4@2F3' @ ' 3' ' ' 5 '!## .' NBK 3 ' 3@ ' O23' @2F' 3@BK A2F3 ' ' 'EA' F2 K323' B' 1B' BE' I @' @2F' N ' F D% 'EB @2F' @B I 2H2F ' ' I 'G3' 3 'EA3' F2' AG' BE' @2' N ' BFC ' B' 3KNN G' @2' H ' 4 ' E4G ' KE ' F 2EA3' @ ' H2' 4B ' M2A ' F2 ' T 3BE2A ' BF' @F2 ' 2E2A' @2' 2' NBK 2F' E B' BL2A 2E42!' @232' 4@ AF2E' 'F2' B 2E' H2FG' L2 ' K ' 'EA' 1F' 42 F ' 'EA' @2 F' 4BC 4' ' 2' 123 KF23' 'EA' E BE' BE3 ' @2 F' 4 '3N E1' B ' @' EA3' 'EA' FB E1' KN' B ' 2G23 ' @ ' H2' ' ' H2FG' 'CK3 E1' 'EA' E 2F23 E1' 2 24 !J% # 7' R'5' 3

ˢ B @2Fˢ C23ˢ @2ˢ 'CL EBˢ A I 2 3ˢ Eˢ @2ˢ '4F 3 Gˢ I@2F2ˢ ˢ 4'Eˢ L2ˢH 3 2Aˢ LGˢ 'AC F E1ˢ N 1F C3!ˢ ˢ 3ˢ 'ˢ F23@"4B BKF2Aˢ AB ˢ 1@ Gˢ3 I ' @2Aˢ Eˢ 1B Aˢ 'EAˢ 3 H2Fˢ 33K2ˢ 4FB I E2Aˢ 'EAˢ 3N'FO E1ˢ I @ˢ 2 I 2 3!ˢ ˢ @'3ˢ 32FH'E 3ˢ B ˢ 3ˢ B I E ˢ 'EAˢ 'ˢ 4'FF '12ˢ Eˢ I @ 4@ˢ ˢAF H23ˢ BK ˢ I @ˢ 3ˢ ' 2EA'E 3ˢ 'EAˢ 1B23ˢ Bˢ H 3 ˢ @2ˢ 3 40!ˢ) 2HBK ˢ N2 '3 'E 3ˢ ' I 'G3ˢ OE22ˢ '3ˢ @2ˢ L 2332Aˢ E 'E ˢ N'3323!ˢ BFC2F Gˢ ˢ I '3ˢ '02Eˢ Bˢ 3 40ˢ N2F3BE3ˢ 'EAˢ 2 ˢ BEˢ @2 Fˢ L2A3ˢ BFˢ 3BC2ˢ @BKF3ˢ Eˢ @2ˢ @BN2ˢ @' ˢ ˢ I BK Aˢ I BFOˢ 'ˢ C F'4 2!ˢ B I ˢ ˢ 3ˢ E2H2Fˢ 2 ˢ ' BE2!ˢ Eˢ 2MN 'E' BEˢ B ˢ @ 3ˢ ˢ 3ˢ 3' Aˢ @' ˢ 'Eˢ 'KA'4 BK3ˢ I BC 'Eˢ BFC2Aˢ @2ˢ A23 1Eˢ B ˢ 'NNFBNF ' E1ˢ Bˢ @2F32 ˢ @2ˢ @B Gˢ C'12ˢ 'EAˢ 3ˢ L2E2 3!ˢ @2ˢ @'Aˢ 'EB @2Fˢ AB ˢ NF2N'F2Aˢ B ˢ @2ˢ 3'C2ˢ 3 P2ˢ 'EAˢ 'NN2'FT 'E42ˢ '3ˢ @2ˢ ?ˢ 'E 33 CB Jˢ 'EAˢ @'H E1ˢ 2 1E2Aˢ 3 40E233ˢ 'EAˢ BL ' E2Aˢ N2FC 33 BEˢ Bˢ @'H2ˢ ˢ 2 ˢ I @ˢ @2Fˢ 3@2ˢ AF2332Aˢ @2ˢ ' 32ˢ C'12ˢ Eˢ 3ˢ 4 B @23ˢ 'EAˢ 32Eˢ ˢ L'40ˢ Bˢ F'" 42 !ˢ @2ˢ F'KAˢ I '3ˢ EB ˢ A 34BH2F2Aˢ ˢ E 1@ ˢ I @2Eˢ @2ˢ F'E4 34'Eˢ CBE03ˢ I2F2ˢ ' I '02E2Aˢ LGˢ @2ˢ CB3ˢ KF BK3ˢ F E1 E1ˢ B ˢ L2 3ˢ 'EAˢ LGˢ @KEA2F E1ˢ 0EB403ˢ ' ˢ @2ˢ I 23 ˢ ABBFˢ B ˢ @2ˢ 4@KF4@ˢ 'EAˢ @'3 2E E1ˢ @ @2Fˢ 4BK Aˢ 322ˢ EB @ E1ˢ LK ˢ 'ˢ I 22ˢ E'02Aˢ N EOˢ BB ˢ N22N E1ˢ Eˢ FBCˢ KEA2Fˢ @2ˢ ABBFDˢ LK ˢ I 2Eˢ @2Gˢ BN2E2Aˢ @2ˢ ABBFˢ I @BK ˢ 3 BBAˢ @2ˢ 2ˢ E'02Aˢ 1KF2ˢ B ˢ @2ˢ FK2ˢ 'CL EBˢ B ˢ F'" B2 ˢ 3@ H2F E1ˢ Eˢ @2ˢ I EAˢ 'EAˢ @2ˢ F' E % 3Bˢ @2ˢ ' 32ˢ L'LGˢ I '3ˢ 32Eˢ L'40ˢ Eˢ A 31F'42ˢ 'EAˢ @2ˢ F2'ˢ L'LGˢ F23 BF2Aˢ Bˢ 3ˢ @BC2ˢ E2H2Fˢ Bˢ L2ˢ FK3 2Aˢ 'I'Gˢ ' BE2ˢ 'EGˢ CBF2!

Eˢ @2ˢ 3'4F 3 Gˢ 3ˢ @2ˢ B B I E1ˢ C34F N BEˢ F2 ' E1ˢ Bˢ @2ˢ 'CL EB0%

/ſ Aˢ@B4ˢ 3'42 KC' F'' B2 ' '' 23 B'E' H ' 3ˢABC E 'K3SK2' 'Aˢ 23 KC' N N@'E 2ˢ C '1E'' NBNK ' F2SK2E '' EH 3 Kfˢ 2 ' 4B Kfˢ E' NF232N B' @F 3 Xˢ E' ' E 'E K '3 CK '4FKC' 2M' B 2ˢ 1EB' 'NKAˢ CBE 2C'B H'E C' 2FB3B GC 3ˢ@ˢ SKBA'C' A2HB B' EBF '' 34K N KC'2B' 'E CB 'K ' 'Aˢ @B4ˢ 23 KC' 42 2LF'EAKC' A2NBF 'F2 KF!ˢ) 2ˢ SKB' E'NF C 3ˢ@B4ˢ '44 A ˢ SKBA

9; E ' $ '

A2 4 2E 2' 4B BF2' E 2F' L 'FL 'F '3' 12E 23' 'A' N 2E' C' E 'E K ' 1KF' BE2C' 2 ' BFC 'C ' A2HB K3' 2 ' 'EM K3' 'F 2M ' NFB 233 BE2' ' 4K3 ' NF24 LK3' 2 ' BF' BE LK3' C N2 F 'H ' K ' 3 '4FKC' 3 CK '4FKC' A H E K3' 4 'FE2B' 4B BF2' N2F KE4 KC 'F2N2F F2 KF!' KC SK2' E 'H ' ' C 'H2@2F2 KF ' '4 B' E 'K F '1 B' 'NKA' K34 '2' BF '3 '3 C K '4F '4 'N3 '' LKCKC ' 'NNK !' M' SKB 'F24B1E ' ' 2MN24 'L ' KF ' 2E F '' '' F' F LK3 '2 ' 'C' 'C '' K3' '' 2FB3B E 3' 'A' EB3 F '3' 'C 32' N 'F 23' 'AH2E2F' ' 'A' A23 E ' 'C' 3 L ' 'N B ' 32A2C' A2H2E !' 2F KF' 2 'C ' SKBA' ' SK 'EAB' 2M' E C '' A2HB BE2' % SK 'A 'C' A2HB '' B2C E '' 3KL ' KC ' 'A' 3K '3' 42A23' C F '4K B32' F2C 2 'H2F !' > "' NFBN 2F' E' C 'M C '' H2E2F' BE2' 32C N2F' 23 ' @ 'L KC' '' BC 'E 3' 4 H LK3 ' 2 ' KE H2F3B' NBNK B' ABE ' KC 'C BE LK3 ' 2 ' B4 ' LK3' NF2 B3 3 ' L2F' BF "' LK3SK2' E' A 23' NFB32SK KF' BL ' BE LK3!J

@2' 342E2' BE' @2' BE1' 1@ ' B ' 3 2N3' I @ 4@' 2 'A3' B' @2' I 23 ' ABBF' B ' F '" B2 ' 3' H2FG' 4KF BK3' AKF E1' N N@ 'EG!

? '' EG' BE2' H 3 ' @2' F '" 42 'AKF E1' 'E' ' 2FEBBE' E' @F 3 C '3' BF' N N@ 'EG ' @2' 342E2' 3' H2FG' 3 F O E1!' @2' 1@ ' B ' BE2' @KEAF2A' 'EA' I 2E G" BKF' 3 2N3' 3' @2E' @FBE12A' LG' C 2F4@ 'E 3' B ' 'ABEE '' I 'F23' I @B' 3NF2 'A' @2C ' BK ' BH2F' @2' 3 2N3' 'EA' @ 'E1' @2C ' '1 ' E3 ' @2' I ' 3' 'EA' L ' K3 F 'A23!' 2F2' ' F2' B' L2' 322E' ' '3BF 3' B ' 4KF BK3' 2' 4B BKF2A' NF E 3' B ' @2' 'ABEE '' 'EA' @ A' B ' @2' CB3 ' 2M F 'BFA E 'FG' SK' G ' 2' L '13 ' N2 I 2F' C 2A ' 3 ' 'EA' 4FB3323' 3 ' C N2A' I @' @2' 3 'C2' 1KF23' 'EA' B' L2' I BFE' BE' @2' E240% ' 'B 2F2A' ' ' BE42' BF' @2' 3KC ' B ' BE2' -- ' 2F2' ' 3B' 'F2' F 'C 2A' N 4 KF23' B ' @2' 3 ' E 3 ' B ' @2' ' H G ' 'EA' E' '' I BFA' B ' ' ' 3BF 3' B ' F2 1 BK3' 3KL 24 3' 'NN2F ' E E1' B' F2' 32 '3BE!' 2' ß 'M' AB 3 ' 4 'A' E' 4B BE" I BB ' B' F2NF232E ' @2' 'H BKF ' 'EA' 3@22N' C 'A2' B ' @2' 3 ' C 2' C ' 2F ' 3 ' 'F2' ' 3B' 3B A' LG' @2' L '3O2 " K !' @ AF2E' 'EA' $# 5 $ '' F2' LK3G' LKG E1' @2C ' 'EA' @2F2' 3' '' A2' 2E E1' FB 'F' ' ' KN' 'EA' AB I E' @2' 3 2N3 ' B ' /' 2PPB' L ' B44B ' L2 B' 4B BF B ' C 2PPB' L ' B44B ' '' 'E 33 C '' BE42P BE2' E4BFBE' ' (% /') 'F B' BT C 'EB ' KE' F B' BC 'EB' EKBHB '(% /' F' B' 4B BF B ' C 2A' 1 '' 2' SK 'A" FK44 B ' KE' L ' B44B' K ' KE' F' B44B' K (% / ' C L E2 '' A ' 42F' ' KE' L ' B44B!J' BE2' B ' @2' NF 423' 'F2' @ 1@2F' @ 'E' BE2' L ' B44B ' 2M42N ' B' 3 F 'E12F3 ' 'EA' 12E2F' G' 32H2F' ' 'F 4 23' 'F2' @2 A' KN' B12 @2F' 2EKC 2F' 2A ' 'EA' NFB 2F2A' I @' '' BKA' HB 42' BF' @ 3' 3KC!' 2' ET I @ 2' C2E!' BC 2E ' 4@ AF2E ' NF 23 3 ' L211 'F3 ' 3B A 2F3 ' 'EA' * '"' $' 'F2' 4FB I A E1' KN' 'EA' AB I E ' A' I 2' 4FB I A' I @' @2C > (' 5' 3 .' !' -9!

?' E' @2' 3 M @' B 'U 'EK 'FG' @2' B G' 3 2N3' B ' F '" B2 ' BBO2A' O2' 'E

'E "@ '3B' @FBE12A' I 2F2' @2G' I @' N2BN 2!' 2E' 'EA' LBG3' I @B' 3B A' 2' LBBO3' 212EA3' 'EA' NF' G2F3 'FB3 'F 23 ' N 4 KF23' B '3' E 3 ' C A' BE3 ! 4@23 EK 3 ' BF' E123 ' 'EA' B @2F' @ E13 ' 3@BK 2A' 'EA' C 'A2' '' 1F2 ' ' EB 32!' 2' LBG3' 'EA' 1 F 3' I 2F2' 3 ' NF2 '4@ E1' P2 ' BK3 G' E' @2' 4@KF4@ ' 'EA' N2BN 2' B ' ' '4 '3323' I 2F2' 4FB I A E1' @ @2F!' (FB4233 BE3' 'AH ' E42A' I @' @2' @KEA2F E1' 4@22F K ' C K3 4' B ' @2' F2"4BFN3!' ' 'C L EB ' '' N ' E 2A' C '12' B ' I BBA ' 4BH2F2A' I @' 2 I 2 3 ' 'EA' I @' '' G"2 BI '4FB I E' BE' 3' @2 ' A ' I '3' 4 ' FF 2A' LG' '' C BEO' E' I @ 2' 1 BH23 ' 'EA' 2M@ L 2A' B' @2' N2BN 2' F4 ' '' O EA' B ' ' 'F" O2' 2F24 BE' ' ' @2' BN' B ' @2' F ' " 42 ' 3 2N3!' H2FGLBAG' AFBNN2A' AB I E' KNBE' @2 F' O E223 0' ' 'C L EB' I '3' 3@B I E' BE' ' '3 A23 ' @2' C K3 4' @KEA2F2A ' 'EA' @2' 3C BOK 1' 42E32F3' I 2F2' 3 I KE1!' J% ') -5! ' !3!

. 76' 5 0' ' 7(#' 4BE ' E3' CK4@' @ ' ' 3' N 4 KF23SK2' 'EA' E 2F23 E1!' ! * BH' EE' 'N 3 F' EB' I '3' 'LLB ' @2F2' E' @2' F2 1E' B ' K12E K3' !

2 ' K3' EB I ' A2342EA' FBC' @2' 'N B E' ' ('PP' ' B I EFA3' @2' (BCC ' LG' @2' 3 ' F4 '32' BE' @2' 2 ' B ' @2' (' '42' B ' @2' 2E' BF!' B32' B' @2' BB ' B ' @ 3' 3 ' F4 '32' 3' ' ' 4@KF4@ ' H2FG' BL34KF2' BBO E1 ' I @' 3BC2' FKA2' F234B23' BE' @2' 2MT 2F BF!' 2 ' 2H2FG' BE2' CK3 ' 2E 2F' @ 3' LK A E1 ' BF' @2F2' 'F2' @2' 'CBK3' 7 0 ' ! 6 6 ' 2M4 'H ' 2A' FBC' @2' 3B A' FB4O' KEA2F' @2' 'N B !' =

@2' NF 3BE3' 'F2' 2E 2F2A' @FBK1@' @2' B I ' 4@KF4@' B ' !' (2 FB' E' 'F42F2 ' @KE1' FBKEA' I @' HB H2' B 2F E13' 'EA' L 'P E1' I @' 'CN3!

? @2F2' 3' 'E' KNN2F' 4@ ' C L2F' E' @2' 'C 2F E2' (F 3BE3 ' BH2F' I @ ' ' 3' 3 ' A' B' @ ' H2' L22E% 'EA' H2FG' NB33 L G' C 'G' @ ' H2' L22E% @2' AKE12BE' B ' !' (2 2F!' @ 3' 4@ ' C L2F' 3' EB I ' 2A' K ' '3' 'E' BF' BFG ' A2A 4 ' 2A' B' @ ' '3 ' E 0' 'EA' ' H23 ' '3' '' A 3 E4 ' 'EA' 32N ' F ' 2' N '42 ' E' C G' F24B 24T BE ' BB!' ' 3' H2FG' 3C ' ' 'EA' B I "FBB 2A0' 'EA' @2' AF2 ' A' 'EA' 1 BBC ' B ' @2' NBEA2FBK3 ' BLAKF ' 2' B A' NF 3BE' 'F2' BE' ' '3' ' @2G' @ ' A' 4BC 2' KN' E' '' A' FO' C 3 ' @FBK1@' @2' BBF!' 'E1 E1' BE' @2' I ' 3 ' ' C BE1' @2' 4 K3 2F2A' HB H2' B 2F E13 ' 'F2' BL 24 3 ' ' [' BE42' 3 F ' E12 G' E' O22N E1' 'EA' 3 F ' E12 G' ' ' H ' F 'E42' I @' @2' N '42% FK3 G' A ' 112F3 ' OE H23 ' N 3 B 3 ' 4 KL3 ' A H2F3' E3 FKC 2E 3' ' H B 2E42' 'EA' C KFA2F ' LFBK1@ ' @2F2 ' F23@

9a

FBC' K32' 'EA' @KE1' KN' B' NFBN ' 2' B 2EA2A' 2' H2E' ' 3' ' @2' L BBA' KNBE' @2C' I BK A' AF' E' B ' E' 4BE324F' 2A' ' F' 'EA' @' H2' EB' HB 42' B' 4FG' I @!' ' 3' ' ' 3B' 3 2E' ' EA' 3B' 4 B32' 'EA' BCL O2' ' 'EA' @2' AKE12BE3' L2 B I' 'F2' 3B' L '4O ' 'EA' 3 2' @G ' 'EA' 3 '1E' E ' 'EA' E' O2A' ' @' ' @ 3' 2' A' FO' 3NB ' L24BC 23' ' 'AF2' C' I @ E' ' AF2' C' ' 'EA' E' @2' H 3 BE' B ' 1F2' ' 4@KF4@23' I @ 4@' 4BC 2' FB E1' N' 3 ' C2' O2' ' 32' ' ' 3' ' 3C ' ' I ' H2' LG' 32 ' @' ' C 2 3' E B' EB' B @2F' I ' H2' ' EA' AB23' EB ' B I ' BE' I @' @2' F23 !J % - !$.

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E4 B32A' E' @2' 4@KF4@' E2' F' @2' 2E F' E42' C 'G' L2' BLT 32FH2A' @2' BK 2F' F 2P2' B ' @2' NF 3BE' I ' ' I @' @2' E34F N BE' !' $ ' !' !' !' $ $ ' !' !' !' $ ' !' ' !' ' !' 5' !' 3' ! 4!' F24BFA E1' @2' E' C23' B ' IB' 4BE3K 3' B ' !) !' 99 ' I@B' 'F2' 3KNNB32A' B' @' H2' F2N' F2A' @2' NF 3BE!' UKH2E' (3' A234F NT BE' B ' @2' C23' I @2E' BE2' NF 3BE' I ' 3' 3K 4 2E ' BF' ' ' @2' 4F C E' 3' E' BC 2' E' KF' G' F2 2F3' B' @ 3' LK A E1' 0

?' 2 423' NFB' HBFK C' ' 'HB3' 2 4 ' ' A 4' 3
N24K ' ' L86 ' SKBEA' C' 3KL' F21 @K3' ' SK2' F LKE 3'
A2FKE ' KEB' 4BE 2E ' C' 4' F42F2' BC ' C !J
#:' X' 7 9!

' CBA2FE' 3 ' F4' 32' 2' A3' B' @2' @BFF L 2' AKE12BE' B ' E4K3' 'F E3 '3 M 22E' 22 ' E' @2 1@ ' @ F G' E' 2E1 @ ' 'EA' I 2E G'" IB' E' LF2' A @!' F 1 E' G' @2F2' I ' 3' EB' 3 ' F4' 32 ' 'E2 @2' NF 3BE2F3' I 2F2' 2 ' AB I E' @2F2 ' 'EA' @2E42' E B' @2' B I 2F' AKE12BE ' @FBK1@' '' @B 2' ! E' @2' C AA 2' B ' @2' 42 E1!' @2' 'F12' ABBF' ' ' @2' 3 A2' 3' '' CBA2FE' EEBH' BE ' @' H E1' L22E' BN2E2A' B' 'AC ' @2' H' 3 ' C' 33' B ' N 1F C3' AKF E1' @2' 23 '!' @2' I @B 2' NF 3BE' 3' 4BE3 FK4 2A' B ' @K12' L B403' B ' K '' I @T BK '42C2E !' BC2' F2C' ' E3' 'F2' 3@B I E' B ' @2' 7 ' G7 7 ' 3B' 4' 2A' FBC' @2' 1FB' E3' B ' @2' NF 3BE2F3% LG' I @ 4@' @2' LBA 23' I 2F2' AF' 112A' BF @' B' L2' 2MNB32A' B' @2' E3K 3' B ' @2' NBNK '42' BF' B' L2' @FB I E' E B' @2' L2F!' ' I ' 3' LG' @ 3' ' F4' 32' @' ' 42FB' 4' C 2' BF @' 'EA' 'EEBKE42A' @2' 2M24K"

BE B @2 E2 4BE3N F BF3 B @2 N2BN 2 E @2 BFKC LG @2 3 E1 2 IBFA) F 8 0 ? @2G @ H2 42 32A B H2!J B32 B @2 2M B @232 3 F3 @2 CN2FBF 2 K3 I 3 CKFA2F2A! E @2 I LG I @ 4@ GBK A2342EA B @2 BI2F AKE12BE 3 C FO 0 332A LG @2 @ K 3 @2 3NB 1 E3 I @ 4@ ! (2 2F(3 @2 A F23 2A! @2 BI2F NF 3BE 4 2A I8 3 4BE3 FK4 2A B @K12 L B403 B K 3 2E2A B12 @2F LG 4F CN3 B FBE EA NNFB 4@ E1 @BF PBE G B 4BCCBE 42E F2 E @2 FBB ! @ 3 L22E F LK 2A FBC 2 F G C23 B 2FH K3 K K3 LK CN@F2 F1K23 1 E3 @2 A2 @ @2 BI2F NF 3BE I 3 B 2F BF 1 E @ E @2 KNN2F EA 3K1123 3 @ 3 (2 31 4 EA B A2F @ E EG B @2F LK A E1 E BC2! 3 A234F L2A LG HG EA LG K3 I@B A2N 4 3 3 @BFFBF3 E @ 3 44BKE B @2 2M24K BE B @2 E2 BE3N F BF3! @2 3NB 3 3@BIE B I@ 4@ @232 H 4 C3 I2F2 4@2A EA 3 F E1 2A E KFE! E @ 3 AKE12BE 2 F 2F N2F BA NN K3 KA K3 EA NN K3 @2 A242CH F3 4BCC 2A 3K 4 A2 : :8 ! 2F2 UK1KF @ O E1 B KF E I 3 3 FH2A B A2 @ LG F K3! 2F2 UK K3 33 F AKF E1 @ 3 F KCN@ BF @2 4BESK23 B * K 4 K32A @ 3 1 E 2E2CG 2F4 E12 BF M B L2 NK B A2 @! 2F2 2 EK3 @2 F 2EA EA ?C E 3 2F B L2F K3 A 31F 42A BB 2 I 3 2M24K 2A BF @2 CKFA2F B) FK3K3 3BE B @2 2CN2FBF EA BF E E F 1K2 I @ @ 3 A K1@ 2F E I H ! 2F2 3B CBE F * BF 3 @2 3 A2 2EA2F B U2FK3 2C 3K 2F2A AKF E1 @2 F KCN@ B K3!

3 BC2!

? 3 B4K3 E 4 F42F2 SKBA K EKC N KF KL N K K KC A2342EA2F 3 A H C 4 F4 2F AKBA24 C N2A23 @KC A2NF233K3! KC CKE KE SK2 N F 2 23 SK2 E3KN2F 4 C2F N A2 3 BFE 4 LK3 H E4 32A E4K$K 2E2LF 3 BABF2 42A SK2 2FF L 3 2 K3 4 23fJ% ! 70 # H!

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@2 3NB 3 CBF2 E 2F23 E1 B @2 @F 3 'E IBF A '3 @2 NF 3BE B ! (2 2F 'EA ('K I@B 'F2 3' A B @'H2 L22E LBKEA BF E E2 CBE @3 B ' N 'F I@ 4@ 3 3@B IE @2F2! BKE ' E B 2M42 2E I ' 2F L2E2' @ @2 BBF B @2 NF 3BE 3 ' F LK 2A B @2 NF'G2F3 B ! (2 2F @' @2 C 1@ @'H2 I@2F2 I @ B L'N 32 @ 3 1'B 2F3! (FB4233K3 'EA 'F E 'EK3 LK KE BF KE' 2 G BF @ 3 244 23 '3 4' F'A OcE @2 BKE ' E 3 A234F L2A LG (K 'F4@ '3 @'H E1 2M 3 2A ' @2 C2 B UK1KF @'3 CNF 3BEC2E ! @ 3 BKE ' E NF1" L'L G 1'H2 @2 AKE12BE @2 E'C2 B 8## 7 8 LG I@ 4@ I '3 3BC2 C23 OEB IE 8## 06 C2'E E1 '' 3NF E1! @ 3 E'C2 NFBL'L G 1'H2 F 32 B @2 A2'' B 3 4BEE24 BE I @ 2FH K3 K K3!

3 @2E42 @' @2 BC'E ' @B 4 @KF4@ L2 2H23 @' ! (2 2F 'EA ! ('K 'AAF2332A @2 F 'F2 I2 3 B @2 @F 3 'E IBF A!

=' @' 'B ! (2 2F 0%

?' @BF G' 'CK3 'NK' B ' @ 3' C G' 'L2FE '4 2' 2H2E' '3' BKF BFA' U23K3' @F 3 ' @' @' 3@B I 2A' C 2!' BF2BH2F' ' I ' 2EA2 'HBKF' @' ' G2' C 'G' L2' 'L 2' ' 2 'C G'A242 '32' B'@'H2' @232' @ E13' ' I 'G3' E'F2C 2CLF'E42!' BF' I 2'@'H2'EB ' B I 2A' 4KEE E1 G'A2H 32A' 'L 23 ' I@2E' I 2' C 'A2 O B IE' B' GBK' @2' NB I 2F' 'EA' 4BC E1'B ' BKF' BFA' U23K3' @F 3 ! ! ! ! 2H2FT @2 233' I 2 ' '44BFA E1' B' @ 3' NFBC 32 ' BBO' BF'E2 I ' @2 'H2E3' 'EA' '' E2 I ' 2 'F @ ' I @2F2 E' A I 2 2 @' F 1@ 2BK3E233!'J% :$5 #' !#! ' L

@' 'B ! (' K 0%

?' * BA' @' @' EB '1 H2E' K3' '' 3N F ' B ' 2' "! ! ! 2' EB ' @BK ' @2F2 BF2 ' '3@' C 2A' B ' @2' 23 CBEG' B BKF' BFA ' EBF' B ' C 2' @ 3' NF 3BE2FD' LK ' L2' @BK' N 'F 'O2F' B ' @2' ' 4 BE3' B ' @2' 1B3N2 ' '44BFA E1' B' @2' NB I 2F' B ' * BA!' ! ! ! ' ' 3K 2F FBKL 2' '3' 'E' 2H ' AB2F' 2H2E' KE B' LBEA 3D LK ' @2' I BFA' B ' * BA' 3' EB ' LBKEA!' @2F2 BF2' '2EAKF2' ' ' @ E13 ' BF' @2' 2 24 (3' 3 'O2 ' @' ' @2G' ' 3B' C 'G' BL ' E' @2' 3 ' H' BE' I @ 4@' 3' E' @F 3 ' U23K3!' ! ! ! ' ' 4@ 'F12' @22' L G BA ' 'EA' LG' @2' BFA' U23K3' @F 3 ' I@B

' 22' CN F2 ' 3 ! BC! ! 7 !

3@' ' KA12' @2' SK 4O' 'EA' @2' A2 'A' ! ! !' NF2 '4@' @2' I BFA' L2' E3 'E ' E' 32 '3BE ' BK ' B '32 '3BE' F2NFBH2 ' F2LKO2 ' 2M@BF ' I @' ' ' BE13K 2F E1' 'EA' AB4 F E2 ! ! ' I ' 4@' E' ' ' @ E13 ' 2EAKF2' ' 4 BE3 ' AB' @2' I BFO' B ' 'E' 2H' E12 3 ' C 'O2' K ' NFBB ' B ' @G' C E 3 FG!' BF' ' ' C' EB I ' F2 'AG' B' L2' B 2F2A ' 'EA' @2' C2' B ' C G' A2N 'F KF2' 3' ' ' @ 'EA!' ' @ 'H2' BK1@ ' ' '1BBA' 1@ ' ' @ 'H2' E 3@2A' C G' 4BKF32 ' ' @ 'H2' O2N ' @2' ' @!J %' $5' 3 #% .

E' UK G' : ' @2' NF 3BE3' 'F2' @2' 342E2' B ' '' N 4 KF23SK2' 3B 2CE G ' I @2E' @2G' 'F2' H 3 2A' ' ' E 1@ ' LG' @2' F2 1 BK3' 4BE F ' 2FE 23 ' I @B' F3 ' OE22 ' 'EA' @2E' NFB3 F ' 2' @2C 32 H23' E' 3 2E ' A2HB BE!

LBH2' @2' 4@KF4@' B ' ! (2 FB' E' 'F42F2 ' 3' @ ' ' B ' ' G 86 99 ' $ ' E7D% 70 ' ' UB32N@' B ' @2' 'FN2E 2F3!

?' (BKFSKB ' 23' 1K A23' 2 ' 23' 'E SK ' F23SK ' EBK3' BE ' 3 '3BKH2E ' C BE F2' '' HB 2' F BC N@ ' 2' SK ' C 2E2' 'K' 'N B 2' 2 ' E BK3' 2E' BE ' 'E ' A2' B 3' 2EKK 2F2' 23' 3BKH2E F3' NBKFSKB ' ' K4KE' A2KM' E2' EBK3' '" " ' 'C ' 3' N ' F 2' A2' 42' SK ' 3KFH E ' 2' BKF' AK' F BC N@ 2' A2' K3 ' "L ' 3 ' NF23' A23' NF 3BE3' 'C 2F E23R' ' 332"C B ' HBK3' F ' NN2 2F' SK2' 42' BKF" ' 2' F BC N@ ' 2KE' 'K' CBC 2E ' A2' CBE 2F' 'K' 2C N 2 ' A2H ' E ' H2F32F' 2' 3 ' E1' A2KE2' H 4 C .' 3 'FF '' O' 42 2' N ' 42 ' 'EA 3' SK2' A ' 4@ ' ' 2' 3BE' 4BF 212' KE' 4 ' N ' A2' N K3' @ ' K 2' ' 2' 2 ' N K3' F 4@2C 2E ' H2 K' SK2' 23' 'K F23 2 ' SK BE' 2C C 2E' ' A ' E3' 42 2' NF 3BE' NBKF' G' ' 4@2H2F' 3B ' 3KNN 42' ' H24' 2' ' 42 ' CAC 2' SK ' NBF ' ' 'K BKF' AK' 4BK!' 2' E2' K ' SK ' NFO3' 42 2' C C B 'T BE' SK2' 2' 4BF 212' F2NF ' 3 '' C ' F4@2' 2 ' '4@2 '' A2' C BE 2F' K3SK ' K' 'N B 2' X 2' 4 ' N 'ABE ' BE' E2' A ' 1E2' EBK3' N ' F 2F ' 4 2 ' ' C BE' 'F"' * BF ' 3O' 4 2 ' ' KE' A23' FB 3' A2C 2F3' A2 2E32KF3' A2U2FK3 ' 2C ' O' 4 2 ' ' KE' A2' 42KM' SK ' '' A2 2EA F2E ' K3SK ' K LBK ' C ' 3' @2 3' X SK ' '' A2 2EA F2E ' 4BC C 2' A23' A2C BE3' C ' F23' A KE2' AC 2' A2' ' SK2 2' 3' E2' H2K 2E ' N ' 3' 32' ' 33 '4@ '332F ' 2 ' EBE' NB E ' 4BC C 2' A23' 4@ ' N BE3 @2FB SK23' A KE2' 4 ' K32' 3 ' 4F22' 2 ' N2FAK2!' K33 ' 42 2' 1F ' EA2KF' SK2' '' 32K 2' E BF KE2' 3K ' 3BKH2E ' NBKF' ABEE2F ' 2 2' C ' ESK2' O' '' 4 ' ' C A' '' N K3' 1F ' EA2' SK2' 2' CBEA2' ' ' HK2 ' 2 ' 23' EBC 3' ' '4@23' O' 42 2' CES2E32' 4 ' '3 FBN@2' E2' A2C 2KF2F2E ' N ' 3' C 2C 2' ' C 2KM' ' U2 'E' A2' * 34 ' ' 2 'P ' F ' CBE"' 'F"* BF ' 3O' SK ' N2E32' O' 2KM' ' K BKFA @K [' KE H2F3' 2E 2F2' NFB4 ' C 2' 2 ' HAE2F2' 23' EBC 3' A2' A2KM' N ' KHF23' K 3' SK ' SK ' F2' 'E3' 'KN ' F ' H ' E ' A ' E3' 42 2' C 2C 2' NF 3BE ' ' " 2E ' 2KM' ' K33 ' ' 2EAK' '' 3KNN 42O' C ' 3' 2

C ' @2KF ' 2' 4BKF'12 ' '' C BF ' F'1 SK2' A23' 'K F23 ' E2' 2KF' BK ' NB E ' ABEE2' ''1 B F2 ' 2 'KE' A2A ' 1E2KM' BKL ' 23' '2 '423' A2' '' C 2C B F2' A23' @B C C 23$> (G $$!' !*! $T' ' 1&1 #1 ' *!$

? BE1' @2' 3 '4F2A' I 'G
@2F' @2' F KC N@' 4 'C 2 ' 'EA ' I EA E1' FBKEA'
@' '44 'C ' BE ' 'EA' @2' C 'F ' '4 'E1'
' E3 FKC 2E 3 ' 'EA' 4 'F3' 'A2E' I @' 3NB !
BNN2A' ' ' @2' 3 '4F2A' 3 ' F' @' ' @2E' 'NN2'F2A!
@2E' @FB(@2' AAFOE233' LFBO2 ' 'C N 2 ' 3 'F"LF 1@ !
3' @B(' 2A' B' @2 'H2E!' (I '3' E 1@ ' LK ' EB I '
' @BK3 'EA' BF4@23 ' KFE E1' E 1@ ' B' A 'G!
'P2A ' 'EA' @2' H 4 BF ' 3NF E1 E1' FBC '@ 3' 32 ' !
2E 'KN ' 'EA ' OE22 E1' '3' E' 2FH2E 'NF 'G2F
E 2F2A' @2' 'N B !' K ' I @ ' ' 'F2' @2G'
@B' ' ' @2' BB ' I @AF' I ' '' C BKFE K ' F' E'
E' 2 2F3'R' EA' I @B ' G2 ' E4F2AK BK3!
B I '1 'P E1' I A G' FBKEA ' EB I 'BE' @ 3' 3BE3!
E' @B32' 3B' GBK E1 ' I 2 'N 2 '32A' I @' ' ' @2G' 322!
'112F3' ' BE1 ' @2' '3 'R' @2G' 'F2' @2' ' 2E!
@B32' I @B' I 42F2' 3N 'F2A' B' 1F' 42' @2' 4@ 'F B "I @22 3' D
EA' @2F2' @F G' N ' F 2A ' I @2F2' @2' FB ' A' A H A23!
@2' H 4 BF' 'EA' @2' H 'ESK 3@2A% @2F2' I @AF2 I ' D
2' B' @2' 23 ' 'LB 'FA ' 'EA' @2G' B' A 2!
' ?' 2 'C 1@ ' @2' 1F2' ' @2' C 1@ G' B ' @2' I CF A!
@2G' I @B' I 2F2' I BE ' B' 'F2' A2 4 BK3 G'
EA' I 'F' LKA' BF' ' 'O E1ABC ' C BF2' BF' 233!
@F EO' L '4O 'EBF' FBC ' @2 F' @FBE23' 2EAKF2' B' BBO!
B' @ EO' @' ' I ' G X 2 'C 1@ ' @2G' E' @2 F' NBC N'
KCL 2' @2 C32 H23 ' 'EA' OE22 ' 'EA' 3KNN 4' 2'
= B' L2' A2 H2F2A' FBC ' '' AF2 ' C' O2' @ 3' X J

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‘ $ ‘) ‘ ‘ $!
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BFKC‘B ’ F’ ‘E% ’ ‘ ‘F ‘’ A ’ M F2 B % 2C N 2‘B ’ ‘F3‘ $ BF%’
BFKC‘ B ’ K1K3 K3% BFKC‘B ’ 2FH‘% BFKC‘ B ’UK K3‘ 23‘F%’
4‘A2CG‘B ’ !‘ KO2 % BFKC‘ BC‘E C% F LKE2% BF‘ KC‘
% K 4‘E‘ % 2C N 2‘B ’ BE4BFA% 2C N 2‘B ’ 23N‘3 ‘E% 2C N 2‘
B ’ ‘ KFE% F4@‘ B ’ 2N C K3‘ 2H2FK3% 2C N 2‘ B ’ ‘3 BF‘ ‘EA‘
(B KM% (‘F‘ B ’ (@B4‘3% 2C N 2‘ B ’ E BE EK3‘ ‘EA‘ ‘K3 E‘’
%’ ‘3 4‘’ B ’ BE3 ‘E E2% ‘!‘ ‘F E‘% !‘ AF ‘EB% ‘!‘
‘F ‘% L2F‘ F 42‘ !‘ B3C B‘ ‘EA‘) ‘C ‘E% ‘!‘ F‘E4234‘’
BC ‘E‘ % 2C N 2‘ B ’ 2EK3‘ ‘EA‘ BC 2% F4@‘ B ’ K3% ‘!‘
‘F ‘’ (’ ‘F‘% !‘ K2E‘H2E KF‘ % 2 ‘’ KA‘E3% F4@‘ B ’ BET
3 ‘E E2% B 32KC!

N * ‘ @2‘ BF3B‘ B‘ 3‘ 2EA‘ ‘ ‘ @2‘ NF23‘’ A2 ‘
‘FL2F ‘ ‘EA‘ KFE E1‘ B‘ @2‘ 2 ‘ I 2‘ EA‘ BKF32 H> ‘ ‘ ‘ BE42‘
‘C A‘ @2‘ F2C‘ E3‘ B ‘ @2‘ E 8 ‘ ‘ 7?7 ‘ 2F24 2A‘ LG‘ @2‘
‘F4@ 24 ‘ NB BABFK3‘ BF‘ @2‘ CN2FBF‘ F‘ ‘E‘ BE‘ @ 3‘ F2 KFE‘
FBC‘ @2‘ I ‘F3‘ B ‘ @2‘) ‘EKL2!‘ @ 3‘ BFKC‘ EB I ‘ NF232E 3‘
@2‘ ‘NN2‘F‘E42‘ B ‘ ‘’ F‘H E2‘ L2 I 22E‘ @2‘ ‘N B E2‘ ‘EA‘
>K F E‘ ‘ LK ‘ 3‘ ‘E‘ ‘F 4 ‘’ @B B I ‘ 2M4‘H‘ 2A‘ B‘ ‘4 ‘ 2‘
@h‘ 4 F4K ‘ BE‘ B ‘ 2‘ I @ E‘ @2‘ 4 G!‘ E‘ E34F N BE‘ BH2F‘
@2‘ ABBF‘ B ‘ @2‘ 4B KCE‘ I @ 4@‘ BH2F BN3‘ @2‘ B @2F‘ FK E3 ‘
3@B I3‘ @‘ ‘ ‘ I ‘3‘ F‘ 32A‘ E‘ BFA2F‘ B‘ C ‘FO‘ @2‘ A2N @‘ B ‘
2‘F @‘ I @ 4@‘ I ‘3‘ F2CBH2A‘ B‘ 4BE3 FK4 ‘ @2‘ BFKC!‘ @2‘
2‘F @‘ I ‘3‘ BFC2F G‘ ‘3‘ @ 1@‘ ‘[‘ @2‘ BN‘ B ‘ @2‘ 4B KCE ‘
I @ 4@‘ F2‘4@23 ‘ BB‘ U BC ‘E‘ 22 ‘ B‘ @2‘ 2H2 ‘ B ‘ @2‘ (‘ ‘"

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E2‘ !‘ @2’ BFKC‘ I ’3‘3BC2 C23‘ 4’ 2A‘ @2‘ ?’ $ N ’E J‘ FBC‘ BE2‘ B ‘ @2‘ E’ C23‘ B ‘ @2‘ 2CN2FBF!

? 2 BF2’ @2’G2’F’ !‘)!‘ <-’ @2’3N 2EABKF3‘B ’ @2’4 G’’EA’ @2’ ’CNK3’ L2GBEA’ ’I2F2’3 ’32N’F’ 2A’LG’’’E’FFBI’3 @CK3’ @FBE12A’N2F@’N3’LG’ @2’ 3SK’ A’ 4’L E3‘B ’ @2’NBBF’’EA’ 3KFCBKE 2A’ LG’ @2’ F2C’ E3‘B ’ @2’ 2FH ’E’ I ’ ’ I@4@’ F’E’ ’ BE1’ 3’ 3KCC !‘ 2N’ LG’3 2N’ @2’ 2’F 2F‘ 2CN2FBF3‘@’A’’NNFB’4@2A’I @’ @2F‘E2I’ BFKC3‘ B‘ @2’ BB’B ’ @ 3‘BL‘“ 3 F’4 BE!‘)BC ’E’I’3’ @2’ F3’ B‘ 4BE 2CN ’ 2’ ’EA’ 4BCC2E42’ 3‘ F2CBH’!‘ 2FH’@’A @2’ BF KE2’ B‘4BE324F’ 2’’EA’ B’1 H2’@ 3’BIE’E’C2’ B‘’’NBF BE’B ’@ 3’NF2A24233BF\3‘4BE3 FK4 BE’’LK’ F’ ’E’KEA2F BBO’ B‘ 4BCN 2 2’ @2’LB A’ A23 1E’ ’EA’ @2’ 12E K3’ B ’@ 3’ ’F4@ 24’ FKCN@2A’ BH2F’ ’ ’BL3 ’4 23’ ’EA’ 2M24K 2A’’’IBFO’I@4@’2M422A2A’ E’ 2M 2E’ ’EA‘ 3N 2EABKF‘’EG’NF2H BK3‘’4@ 2H2C2E’B ’@2’O EA!‘ 2’3I2N’’’I’G’2H2FG’ LKAA E1‘BE’ @2’3 2’ 2H2 2A’ @2’3NB ’BE’I@4@’ @2G’@’A’3 BBA’’EA’ ’A‘ BK’’’H’3’’F2’’B ’4B KCE’F’1’ 2F 23’4BEE24 E1’@’ 3’ ’EA’4@’CL2F3‘ BF‘ NKL 4’ K32’ ’EA’ F24F2’ BE!‘ @2’E2I’ BFKC’ I’3’ ’ABFE2A’ I @’ IB‘ LF’F 23’ BE2’ BF‘ *F22O’ @2’B @2F‘ BF‘ BC’E’HB KC23’ ’EA’ ’I’3‘ LBKEA2A’BE‘ @2’I23’LG’’’L’3 4’’B ’C’1E 42E’A C2E3 BE3!‘ 2GBEA’ @3’L’3 4’’ ’EA’I @E’ @2’ C 3’B ’ @2’ ’CNK3’ @2’3’C2’’F4@ 24’ NB$BABFK3’2F24 2A’’’ 2CN 2’ BF‘ @2’IBF3@N’B ’ F’ ’E’@C32 0‘ LK’ @3’IBFO’NFBL’L G’L2 BE12A’ B‘ @2’F2 1E’B ’ F’ ’E{3‘3K44233BF’’EA’EB’ A> L’ @2’$ N ’E’ BFKC’I @’ ’ ’ 3’ ’A KE4 3’ B44KN 2A’ C ’EG’G2’F3’ E’ LKEA E1!‘ F2’’F2’’I’3’ ’ABFE2A’I @’ EKC2FBK3’3 ’ K23’ E’I@4@’ @2’ 1KF2’B ’ F’ ’E’I’3’ F2SK2E G’F2N2’ 2A’ ’EA’ ’CBE1’ 3’ A24BF’ BE3‘ I2F2’ 1FBKN3‘ E’LFBEP2’ BF‘ C’FL 2’ F2NF232E E1’ @3’ CB3’ K3 F BK3‘ ’4 BE3!‘ @2’L’K3 F’A23‘’EA’ 4BFE 423‘B ’ @2’I@B 2’C’33’B ’LK A E13‘ ’C2A’I @’1 A2A’ C’123’B ’’FC3’’EA’@BF323!‘ 2F2’ 3 BBA’ @2’1F2’’ 2SK23 F’E’3 ’ K2’B ’ @2’ 2CN2FBF‘0‘@2F2’I’3’ @2’ F KCN@’’’F4@’A24F22A’ @C’LG’ @2’ 32E’ 2’ ’ABFE2A’ I @’ 34K N KF2’ I@4@’ BE3’E E2’ IB‘ 42E KF 23‘’ 2F’ F’E3 2FF2A’I @BK’’’L K3@’ B’@3’BIE’’’L’FL’FBK3‘’4’ B ’@3’ F3’ @F3 ’E’2CN2FBF’ B‘I@4@’@BI2H2F’I2’NFBL’L G’BI2’ @2F‘ NF232FH’ BE’ B‘ @3’A’G’ FBC’ CBF2‘ L’FL’FBK3’3NB ’ BE!J% ! * "!.‘ 3 $‘1$5!‘#%!‘/3’ !.‘4@! M !

@2‘ L2’K K‘ #8 ‘ ‘ 7?7 ‘ I’3‘ 2F24 2A‘ LG‘ @2‘ 32E’ 2‘ ’EA‘ N2BN 2‘B ‘ BC2‘ &’ :!‘ ‘ 3‘ 4BCNB32A‘B ‘ @FG" BKF‘ L B4O3‘B ‘ C’FL 2‘ ’EA‘ 3‘ 4BH2F2A‘I @‘ ’‘ 3N F’‘ L’EA‘ B ‘ L’3"F2 2 3‘ K3 F’ H2‘B ‘ @2‘)’4 ’E‘ I’F3‘ ’EA‘ E4F2’3 E1‘ E‘ 3 P2‘ ’3‘ ‘ E2’F3‘ @2‘ BN ‘3B‘ @’‘ ‘ NF232FH23

@FBK1@BK ' @2' 3'C2' NFBNBF BE' I@2E' 322E' FBC' L2 B I !' '
I '3' BFC2F G' 4FB I E2A' LG' '' 3 ' K2' B ' F' 'E ' @B A E1' '' 1 '
1 BL2 ' I@ 4@' ' 2F' 3' 3 ' NF232FH2A' E' @2' ' ' B ' FBEP23'
E' @2' 'N B !' @ 3' 3 ' K2' @'A' ' 2E' FBC' 3' N2A23 ' '
BE1' L2 BF2' M K3' !' F2N '42A' ' LG' @2' 2M 3 E1' 1KF2'
B ' !' (2 2F!' ' @2' BB ' B ' @2' 4B KCE' I '3' '' 32NK 4@F' '
4@'CL2F ' E 2EA2A' B' F242 H2' @2' CN2F ' ' '3@23 ' I@ 4@'
I2F2' @B I 2H2F' NF232FH2A' E' '' 1B A2E' KFE ' KNBE' 'E' ' 'F' E'
FBE ' B ' !

?' EA' 'NB3 B 4' 3 ' K23' 4 CL'
B' 4FK3@' @2' CN2F ' ' KFE ' I@B32' '3@23' 3 2N ' 3KL C 2!J
%"5!' "5.' 4M!

' I '3' I@ 2' I ' O E1' E' @ 3' BFKC ' @' ' * F21BFG' @2'
*F2' ' BL32FH E1' BE2' B ' @2' C 'FL 2' 1FBKN3' I@ 4@' B A' B ' ''
1BBA' 'EA' 1F2' ' '4 BE' B ' F' 'E' ' C2E 2A' L 2F G' @' ' @2'
3BK ' B ' 3B' EBL 2' '' C 'E' 3@BK A' L2' B3 ' 'EA' NF' G2A' 2 'FE23 G'
BF' @2' 3' H' BE' B ' @2' @2' @2E' 2CN2FBF!' 2' I '3' B A'
@' ' @2' 3BK ' B ' F' 'E' 3@BK A' L2' 3'H2A ' LK ' @' ' B' 2E3K[2'
@ 3' @2' CK3 ' 2 @2F' @ C32 ' KEA2F1B' @2' N' E3' B ' NKF1'T
BFG' BF' @F22' A'G3 ' BF' 3K 2F' 2'F @ G' N' E' 'EA' 3 4OE233'
BF' @2' F23 ' B ' @ 3' 2!' 2' 4@B32' @2' ' 2F ' 'EA' E2H2F'
' 2F' I '3' E' @2' @!' @ 3' E4 A2E ' 3' E'FF' 2A' LG' @ 3'
@F22' L B1F'N@2F3 ' UB@E' 'EA' ('K ') '4BEK3 ' 'EA' UB@E' B '
' 3LKFG!

@2' BFKC' B ' F' 'E' I '3' N'F G' KE4BH2F2A' LG' (BN2'
('K ' !' E' @2' 3 M 22E @' 42E KF ' LK ' 2M4 'H' 2A' E' 3'
NF232 ' BFC' LG' @2' F2E4@' E' , 9!' @2F2' 3' CK4@' 3 '
LKF 2A' KEA2F' @2' 3 F22 3' 'EA' E2 1@LBKF E1' @BK323!

? ' BH2F' @2' 3KF '42' B ' I @' ' BE42 ' ' BC2' ' 322C3' B' L2' @2'
2 BF ' B ' C2' B' LKFG' KN' @2' 'E4 2E '4 G ' '3' ' I 2F2' '' 4BFN32 ' 'EA' @2'
@2' 32M BE0' 3B' @' ' E' 2 1@ 22E' 42E KF 23 ' @2' 3B ' BH2F' 3' 1F'H2' @ '3

1FB I E' H2FG' A22N ' LG' @2' 3 B I ' 34' 2F E1' B ' AK3 ' 'EA' @2' '44KCK ' BE' B 'C BF2' C BA2C ' A24 'G' KNBE' B A2F' FK E!

?' @ 3' I '3' @2' ' 2 ' ' 3B ' B ' F' 'E(3' BFKC ' KE ' 3BC2' N'N' ' 'E T SK 'FG ' '' 2 I '@KEAF2A' G2 'F3' '1B ' L21 'E' B' @B B I' ' BK ' '1' E ' 'EA' A 3T 4 B32A' @2' I @B 2' @2 1@ ' B ' @2' 1 1 'E 4' 4B KCE ' I F2' 2A' FBK_ ' I @' L '3"F2 2 3' B ' @2' B A' 2C N2FBF3(' I 'F O2' A22A3' F 4@' 34K N KF2 '! I @ 4@ ' I E E1' FBC ' @2' L '32' B' @2' 4 'N ' ' CK3 ' L2' 'E' K1 G' 3N24 '4 2' BF' @ 3' 1@B3 G' 2G23 ' ' @2' 4BE3 A2F3' @ ' ' @ 3' @K12 ' 3 BF 2A' 3@' ' CK3 ' L2' ' A' L2 BF2' @2' KA1C 2E ' 32 ' ' '3' '' N 242' B ' @2' 2H A2E42' B ' I @ ' ' @2' A A' E' @2' 23@ !' E' @2' ' F2 '' L2 BF2' @2' 4B KCE' 3 'EA3' '' 1FBH2' B ' 3 BE2 ' 4BET 3 3 E1' B ' @2' LFBO2E' 'EA' KE2SK ' ' 3@' 3' B ' '' H 'E 3@2A' 2CN 2 ' 3 ' O22N E1' '' C ' 23 4' BFA2F ' 'EA' 'NN' F2E G' E4 'N' L 2' B ' KF @2F' A2CL BE!' @2' C BA2C ' 2A 423' B ' @2' N 'PP'' I @B G' LK ' EB' ABKL ' BK ' B ' @2' 3NB ' B ' 3' B A' C '1E 42E42 ' BBO' AB I E' E B' @2' @B B I ' 3N '42' H@2E42' @232' N 'F3' F 32!

?' E2' B ' @2' C C 2E32' 1F' G' 1F' E 2' 3@' 3' 23' E' @2' N 'PP' ' BE' @2' H2F12' B ' @2' 'F2 '!' ' 3' '' 1F2' '3B A' '4 'B ' @2' ('3 ' C 'O E1' B A' BC2' '4 K' G' H 3 L 2' B' @2' BK4@' 'EA' 2G2' (' 'EA' EB' 3 KAG' B '@ 3 BFG ' EBF' BF42' B ' @BK1@ ' EBF' C '1 4' B ' 3BE1 ' 4 'E' 3B' H ' G' '33KF2' K3' @' ' BC2' BE42' 2M 3 2A ' '3' @ 3' 3 KFAG' 3N24 C 2E' B ' I @' ' 3' FK 2F3' 'EA' N2BN 2' I FBK1@ !' @2F2' 3' 3 ' '' NB 3@' F2C ' E E1' BE' @2' @' FA' 3KL3 'E42' B ' @2' N 'F' @2' NB 3@' B ' 2 1@ 22E' 42E KF 23' '1B ' '3' G2 ' LK ' @' ' FKLL2A' B !J% '

+#% $!

E' 2' EBF @' B ' @ 3' BFKC' 'F2' I B' 4@KF4@230 @' ' E2 'F23 ' B' @2' BF3B' 3' 07 ' 7 7' $ ' 0 ' BKEA2A' LG' @2' 4BFNBF' BE' B ' L 'O2F3' E' \<< ' I @' '' ABC2' 3KFT CBKE 2A' LG' '' N 4 KF23SK2' 'E 2FE' LG' * K 'EB' A ' 'E1' B ' ' \<;!' ' 4BE ' E3' '' 3 ' K2' B ' '!' K3' EE'' ZT 0 @2' KT 3' EE'' B ' @2' A2F3 ' LG' E 7 3% ' F' ESB 3' A2' >K23EBG '+ I @ 4@' 3' K3 G' 4BE3 A2F2A' @2' 4@2 "A(B2KHF2' B ' @2' 2FE E ' 4@BB !' @2' 4BCN 'E BE' 4@KF4@' 3' 4 ' 2A' 07 ' 7 7' $ ') 7 ' 'EA' O2' '!' 'F '' A2 '' BF ' ' 4BCC2CBF' 23' @2' L2F' BE' B ' 2EE'' FBC' @2' KFO3' E' ; , 7 ' LG' BL 230 ' O E1' B ' (B 'EA!' =' ' I '3' LK ' LG' EEB42E ' 5 ' 2 'H E1' @2' BFKC' ' ' @2' BNNB3 2' 4BFE2F' LG' @2' '

/ /')' '

233'EAF E' ' 'EA' N'33 E1' KEA2F' @2' @ 1@' I ' ' B ' @2' BET H2E 'B ' @2' KEP ' E' ' '' 3 F22 ' BN2E E1' BE' @2' 2 'A 34 B323' 32H2F' ' L2'K K' N 'F3' I@ 4@' ' 2F' @'H E1' LBFE2' H'F BK3' E'F 3' 'F2' EB I' A24 'F2A' B' L2' @2' F2C' E3' B ' @2' 0 9#' ' 7 6' "#0 ' LK ' LG' K1K3 K3' E' @ 3' E2 I' BFKC ' I@ 4@' I '3' 2F24 2A' E' BFA2F' B' NFBH A2' '44BC CBA' BE' BF' @2' 4F:cIA3' I@ 4@' BH2F B I 2A' @2' BFKC.' BC 'EKC' 'EA' BFKC' UK KC!

?' @2' 2' B ' $ BF' C 'FO2A' @2' I ' F' 'EA' @2' H 4 BFG' L G' I @ 4@ ' ' 1F22T 'L G' B' @ 3' HB I ' K1K3 K3' @ ' A' 'H2E12A' @ 3' KE4 2()3' A2 ' @!

?' /' 'F3' 'A23 ' 2 ' 3 ' '' 342 2F' B' 3 ' E1K E2' 2FFKC' D
2 SK2' 'HBF' 4 'K3 '' NFB' C 2 BF2' KK3!
2C N '' 2F23 ' 2 ' C 2' H 4 BF2 ' HB4 ' L2F 3' $ BF!()

?' @2' NBF 4B23 ' I@ 4@' 2M 2EA2A' BE' 2 '4@' 3 A2' B ' @2' 2C N 2' I @' '' 12E 2' 4KFH2 ' 4BE ' E2A' 3 ' K23' B ' A 3 E1K 3@2A' BC 'E' 12E2F ' 3!' @2' L'ESK2 3' B ' @2' ' ' I2F2' F'E3 2FF2A' B' @ 3' 2C N 2 ' '' 4 F4KC 3 'E42' I@ 4@' 2A' B' 3' A2E 4' BE ' FBC ' @2' A 34BH2 G' B ' 'E' E34F N BE' @2F2' F24BFA E1' @2' 3 $ $!' B ' @232' NF 23 3!' O2' @2' NF 23 @BBA' E' 12E2T F' ' @2G' 'NN2' F' B' @' H2' L22E' BEA' B ' 1BBA' H E1 ' 'EA' @2F2' 3' '' I(2 '" OEB I E' 'E24AB 2' B ' @2' C N2FBF' 'KA K3' @ ' H E1' L22E' KF2A' LG' @2' 3 2 ' C3' B ' @2 F' L 'ESK2 ' FBC' @ 3' KA 4 ' ' KE4 BE3' E' @2' ' A ' 4E ' BFKC ' B' 4BC2' 'EA' 'O2' N ' F ' E' @2 F' 2 ' 3 !' @2' 2C N 2' I ' 3' ' NNFBNF ' 2A' B' C 22 E13' B ' @2' 32E' 2' E' I @ 4@' C ' 2F3' 4BEE24 2A' I @' I ' F3' 'EA' F KCN@3' I 2F2' A2L ' 2A!' !' !' !' 2F2' I @ 2' L2F K3' I ' 3' LK A E1' '' 2C N 2' B' K1K3 K3' KNBE' @2' (' ' E2 ' @ 3' 1B A2E' 3 ' K2' F2NB32A' KNBE' '' 4BK4@!J% !# ' # ' ,' 3!

?' $N' B' @2' C 2' B ' K1K3 K3 ' 2' 1BA' 'F3 ' @2' F2NK 2A' ' @2F' B ' @2' BC 'E' F '42 ' @ ' A' E2H2F ' ' 3' 3 ' A ' 2E BG2A' @2' A 3 E4 BE' B ' '' 2C N 2' I @ E' @2' I ' 3!' 2' I '3' @2E' E FBAK42A' E B' @2' 4 G' I @ 4@' L2' @ ' A' 3' H2A' FBC ' BH2F @FB I ' 'EA' FK E' D' 'EA' @2' ' A' @2' @ ' A' 2E ' E' LF E1 E1' @2' CKFA2F2F3' B ' '23'F B' K3 42 ' I ' 3' 3 1E' 32A' LG' @2' 2' B ' H2E12F ' LG' I @ 4@' @2' I ' 3' EB I ' 3N24 ' G' 'AAF2332A!' !' !' !' @2' 2C N 2' B ' 'F3() $ BF ' B '1 1 'E 4' NFBNBF BE3 ' /' 'A2K ^ 23 ' E12E3' 2 ' BNK3 '(' I ' 3' 2F24 2A

H A' '3 'H!' \-\' ;88!

E @2 E2I BFKC B K1K3 K3 @2 BB B @2 N B E2 EA >K F E @ 3!J% ! * "!. 3 $ 1$5! %! / 3 !

?2 N F 4K 2F2C2E 4@2F !ZK1K3 2! HBK K SK2 23 C 1 3 F 3 2E N F 332E NBKF F A E3 2KF3 NFBH E423 SK2 @BEE2KF AK F BCN@2 G K A242C2 2 SK2 23 F BCN@ 2KF3 G 332E @BCE 12 F3 2E12KF A2 2KF 4BKFBEE2 2 A2 2KF 342N F2 SK2 23 AF N2 KM NF 3 2EE2C G K332E 4BE32FH23 SK2 23 4@2 3 A2 4 H 2F 2 2M24K 332E A23 2KM 2E H E A23 C F4@23 A2 42 2CN2 2E E SK2 23 42E32KF3 2E 3BF E A2 2KF 4@ F12 G N E 332E 2 4 BK 3 4F2 Z 2 K3 12 2 FK3SK2 K3SK2 4@A K N B 2! K1K3 2 A23 F SK2 42 2CN2 BEA2 N F K NF CNBF E42 AK N B 2!

? A2A 2F 2 2CN2 N F 323 N2 " 3 K3 2 K4 K3 2 3BE K F2 N2 " 3 1F NN 2 2 A23 N K3 EBL 23 2E E 3 A2 BC2 G 42 2LF 2 2K A2 FB 2 SK F NN2 BF 1 E2 NF2 2EAK2 FBG2EE2 A2 23 F A2KM 42E 3B M E 2 BE3 KF2E 21BF123 A E3 4 FSK2 4 2 KF N 42 A2KM FBKN23 A2 1 A 2KF3 4BCL F2E A E3 23 2N BK 32 3 2E 23 A 24 BE3 K 2CN3 A2 F2NKL SK2 4BCC2 3 K1K3 2 2 HBK K N F 423 4BCL 3 SK 32 HF 2E 2E @BEE2KF A23 CBF 3 42 2LF2F 23 KE2F 23 A2 L2F A FBC E2!J% 3 ! !. / 3 ! 99:!

@2 2CN2 B F3 3 EA3 @2 EBF @"2 3 2FE 4BFE2F B @2 C 1E 42E E 8 8%86086 I @ 4@ 2M 2EA2A FBC @2F2 3 F 3 @2 NF232E 233 EAF E 3KFN 33 E1 E 3 P2 @2 BFKF B UK K3 323 F B I @ 4@ I 3 A B E E1! I 3 B 3K 4 2E 3 P2 B L2 F2SK2E G K32A BF 1@ 3 B E C 3 H2E BE23 ! CBE1 3 BFE C2E 3 I2F2 3 K23 B K1K3 K3 F KCN@ E EA B @2 3KLAK2A NFBH E423% I @ E34F N BE3 K3 F H2 B @2 1F2 A22A3 @2 @ A 44BCT N 3@2A @2F2/ 3B N 4 KF2 LG N2 23 F2NF232E E1 F I @ @2F @ EA3 LBKEA L2 EA @2F 32 2A KNBE N 2 B FC3! (F B @2 LBKEA FG I 2M 3 3 2E4 B3 E1 BE I B 3 A23 @2 F2C E3 B @2 2CN2 B F3 $ BF EA 3 4BE3 FK4 2A B @K12 C 3323 B N2N2F EB! @2 F4@ E @2 I 4 B32 B @2 2CN2 ! 3 OEB I E 3 F4B A2 (E E ! @2 3KAA2E KFE E @2 I @2F2 3 E 2F23 E1 23 4BCC2CBF E1

4BE4233 BE' C'A2' B' @2' I 3@' B ' 3BC2' NFBNF 2 BF3 ' I@B' I2F2' KE I E1' B' N'F ' I @' @2 F' @BK323' BF' @2' 3'O2' B ' @2' BFKC!

? 3 ' ◊ 3 B F2' AK' C BK E' A2' 'E3" BK4 ' SK ' AK' F23 2' N ' F ' ' E◊2 F2' N '3' HF 2!

? ' 23 ' N SK 'E ' A◊'33 3 2F' 'K BKFA◊@K ' ' 42' C 2E'12C 2E ' A◊ K1K3 2' NBKF' ◊BN E BE' SK◊ ' HBK ' ' 1 ' 1E2F!' E' HBG 'E ' 2' C KF' 3◊ E 4@ F' N ' F42"' SK◊ ' '' ' K' 2N ' F1E2F' SK2 SK23' C ' 3BE3 ' BE' 4FB ' HB F' '' B 2"NK 33 'E42' A◊ K1K3 2' 1 'K4@ F' D A2332 E' A2H 'E ' 23' E 2F2 3' N ' F 4K 2F3 ' 32K 2' NK 3T 3 'E42' H24' 'SK2 2' ' F23 2' '' 4BC N 2F' SK 'EA' BK ' E 2F2 ' 12E2F' ' '' A 3N 'FK!' ◊BL SK 2'A2' ''NB SK2' A◊ K1K3 2' 23 'H 3 L 2' A 'E3' ◊BL SK 2' A2' 42' C KF ' SK ' C BE F2' 2 ' F2EA' NBKF' ' E3 ' A F2' N ' N ' L 2' 2' C 'E212' 'AFB ' A2' '' GF 'EE 4 ' 32' A21K 3 'E ' NBKF' 32' BEA2F!' 2' C KF' L ' 32 ' 4BCE 2' L ' 3'' 4BE3 ' C C2E ' ◊2CN2F2KF! J % !' 977!

@2' 3 F22 ' BE' @2' 2 % N '33 E1' @2' F4B' A2 ' ('E 'E % ' @2' '' A2 '' ' '' A2 ' * F B ' 4BC C2C BF' 23' @2' 'NNFB '4@' B' @2' 4 '3 2' B ' @2' 1F2' ' C2A 32H' ' 'C G') 2 ' * F B/ @2' 3 F22 ' BE' @2' F 1@ ' 2 'A3' @FBK1@' @2' 'E4 2E ' KLKFF'!

' @2' 4BFE2F' B ' @2' E2M ' 3 F22 ' '' A2 '' FB42' 'E4' ' % BE' @2' 2 ' B ' @2' '' 233 'EAF E '% 3' @2' FK E '4' 2A' @2' ?' B BEE '42 J' L2 E1' N 'F ' B ' @2' ! 0 ' ' ! 7##76' 57 ' I @ 4@' A24BF' 2A' @2' ! 8 ' 7 6 ' L21KE' LG') BC '" 'E ' LK ' A2A 4 ' 2A' E' @2' 3@BF ' F2 1E' B ' 2FH' ' 'EA' @2E42' 12E2F' G' 4' 2A' @2' E 8 ' ' 57 ' BE' '44BKE ' B ' @2' 2M2T 4F' BE' I @' I @ 4@' @2' C2C BFG' B ') BC 'E' I '3' F21 'FA2A!' $N' B' @2' 32H2E 22E @' 42E KFG' 32H2E' C '1E 42E ' 4B KCE3' B ' @2' 2CN 2' B ' E2FH '' I2F2' 3 ' 3 'EA E1' LK ' @2G' I2F2' A23 FBG2A' LG' ('K ' ! ' I@B' K32A' N 'F ' B ' @2C' E' LK A E1' @2' BE 'E'' ('B E' F' " @2' 2M 3 E1' F2C ' E3' 4BE3 3 ' B ' I B' @' '" LKF 2A' BF E @ 'E' 4B KCE3' I @' '' 1KF2' B ' E2FH' ' 'EA' '' F 2P2' B ' L '3"F2 2 3!' ='

?' 23' L '3"F2 2 3' AK' BFKE 'A2' 2FH '' F2NF232E 2E ' A23' 2C C 23' B44 N223

A23 F'H'KM A'' 1K 2 'KMSK2 3 NF 3 A' E2FH2! >K'EA BE 32 F'NN2 2 'SK2) BC 2E 'H' 'N '42' '' L'EB 'NF23M K' 2CN 2 A2' 42 2' A22332 'KE' 4B 212' A2' NF2 F23' SK ' C ' 2E ' '' N'FKF2' 2 ' 23' CB2KF3 A2' 2C C 23 'BE' 23 ' 2E 2' A2' 4FB F2' SK '' 'G' ''A'E3 2' 4@B M' A23' 3K 2 3 1KF 2' 4 'KE2' ' K3 BE' 'KM' @'L KA23' 2 2C E223 A2' 423' NF2 F23!J% 73' !. /U '' ! ; !

?' @2'NBF 4B'B ' @2' 2CN 2'B ' E2FH'' 3' CB3 'F 4@' 'EA'L2'K K ' E' 'F4@ 24 KF2 'LK ' I B K G'1E' I 2A' LG' C2 ' 'EA' 3@' 2F2A' LG' H B 2E42 ' L23 A23' L2 E1'LKF 2A' C A I 'G' E @2' '44KCK ' BE'B ' @2' 3B ' @' '' 323' BH2F' A2'A' BC 2' O2' '' BBA" A2! @ E' @ 3 2A 42' B ' 'E SK2' 3'E4 G' '' L'O2F 3' 3@BN' 3' EB I ' 23 'L 3@2A ' I @' 'E' 2E F'E42' BE' BE2' 3 A2 BF' 2H2FG I @2F2 ' @2' F2CE'E 3' B ' B A' 1F'EA2KF' 'EA' A H E G' @'H2' L22E' C 'A2' 'H' 'L 2' BF' @2' C2'E23 ' E24233 23' B ' B"A'G!J% ' +#% $!.

' I '3 E' @ 3 BFKC' @' ' 2FH'' 4 'K32A' 2 FBE K3 KF EK3' I @B' @'A' F' 402A' I @' @ 3 4BKF " E 2F23 ' B' L2' 3K B4' 2A' I @' 3CBO2' '' @2F' A' NFB4 ' C E1' ' ' @2' C2' ?' KCB' NKE "' KF' SK ' H2EA A ' KCKC!J

2 KFE E1' '' 3@BF ' A 3 'E42' AB I E' @2' '' 233'EAF E' ' 'EA' KFE E1' 2 ' AB I E' @2' '' BE2 ' ' I 2' F'H2F32' @2' 3 2' B ' @2' E 8 ' ' 0# 006' 67 ' KNBE' I @ 4@' :<<<' 323 2F '' ,<< BB2W! ' I 2F2' 2MN2EA2A ' 'EA' I @ 4@' 3 A234F L2A' LG') BE" '33 K3' '3 @'H E1' L22E' CBF2' L2'K K ' @'E' @2' BFKC' BC'EKC!' ' I '3 BFE'C2E 2A' I @' '' 2CN 2' B ' 2EK3' * 2E2 F M% FBC' I@BC' UK K3 23'F' 4 ' C2A' B' L2' A2342EA2A% I @ 4@' 4BE ' E2A' '' 3 ' K2' B ' @2' 1BAA233' LG' F4@23 'K3 ' '' 3 ' K2' B ' '23'F' @ C32 ' 'EA' '' 1FBKN' B ' 'M' 'EA' 2A2'' LG' CBC '4K3!' 2F2 ' ' 3B ' '23'F' @'A' @2' 2 FBE 2FG' B' N '42' @2' 3 ' K2' B ' @ 3 C 3T F233 ' 2BN' F' ' LG' @2' 3 A2' B ' @' ' B ' @2' 1BAA233!' E' FBE ' B ' @2' 2CN 2' 3 BBA' '' LFBEP2' 1KF2' B ' '' @BF32% ' 3KNNB32A' B' L2' @2' EBK3 K42N@' K3% @2' I BFO' B ' G3 NNK3!

/ ')' ' / :

? 2A' '2SKK3' ' 02' S ' 4BE F'' 2C N '') BE23
323'F2 "'3 ' '32A2' BF !' >K2C' F'A2F2' 23' 'K3K3
(2 F2B' G3 NN2') K4 ' C BM' 43 'F 3' BF'
KF' '' 42FH 42' K !J' # # 1 .' "*' !' , :!

@2' BE G' H 3 L 2' F2C ' E3' B ' @ 3' BFKC' 'F2' 3BC2' 4BKF323' B ' @K12' 3SK'F2' L B403' B ' 3 BE2' 'N 3' * 'L EK3 ' E' '' A F G' 4B F !

('F ' B ' @2' 3 2' B ' @2' BFKC' B 'UK K3' C3'F' 3' B I ' B44KT N 2A% BE' @2' F 1@ ' E2 'F' @2' 2EA' B ' @2' '' BE2 '% LG' @2' 7$ 07' $ ' 7 ' 8 7' BKEA2A' E' \8 ' 2A2F 1B' `K44 'FB' L2 E1' 3' F3 ' A F24 BF!' @2' 4B 24 BE3' 'F2' BN2E' FBC' 8 B' \' A' G!' ' 42 E1' F2NF232E E1' '44@K3' 'EA' F 'AE2 ' 3' LG' G8 $ ' ' @2' L23 ' N 4 KF23' 'F2' 0%

'44@K3' 'EA' F 'AE2' 0 1 $
'E G0 1" 9! $! !
' 3 '' 'EA' @2' GC N@3' 0 # $
' @2' CKFA2F' B ' K4F2 '' 0 61 5 ' &$ --
BF KE20' 61 5
EEB42E ' 5 !0 9!" 01!2
@2' 'H BKF' 'EA' @2' (@ ' F 322' 0 # $
' BH2 G' F234B' B ' '' 4@ A0 '% !"
!' KO2' N ' E E1' @2' F1 E' 0 ## 1#!5#' '% !"

? !' KO2' N ' E E1' @2' F1 E' @ ' 3' L22E' '' F2SK2E ' 'EA' 'HBKF 2' 3KLT 24 !' @2' CB3 ' ' CBK3' B ' ' ' 3' '' N 4 KF2' E' @2' 4 ' A2C G' B ' !' KO2 ' '34F L2A' B' 'N@ ' 2 !' 2F2' !' KO2 ' OE22 E1' BE' '' BB 3 BB ' L2 BF2' 'E' 2 '32 ' 3' LK3 2A' N ' E E1' @2' F1 E' I @' @2' @ A' E' @2F' 'FC 3 ' I @B' 'NN2' F3' B' @ C ' BK ' B ' @2 ' H2E ' 3K3 ' E2A' LG' 4 BKA3 0' L2@ EA' !' KO2' 3 'EA3' 'N@ ' 2 ' @ C 32 ' BBO E1' BE!J% V ' 3! $

' 3OK ' NF232FH2A' @2F2' I ' 3' BE1' 3KNNB32A' B' L2' @ ' ' B ' 'N@ ' 2 ' LK ' @ 3' FK2' 3OK ' @ ' 3' 3 E42' L22E' BKEA' E' @ 3' 1F 'H2' E' @2' ('E @2BE!

?' E' '' BE1 2C N3' H2E2F2' 4 ' KE' 4F 'E2' SK2' (BE' 4FBG ' ' F2' 42 K ' A2' 'N@ ' 2 4F ' E 2' 2 FB ' 3KF' 2SK2 ' 23' N@F2EB B1 3 23' 'KFBE ' NFBEBE42' A2

H' E3' BF'4 23' A2H'E' 2SK2' BE' 'KF'' L 2E' NFB BEA2C2E' F2H2' 2'ŞSK' E§2 ' 'SK2'42 K'A§K 'BL34 F'4@'EB E2' L 2E' EEB42E'A2' BK 23' 423' C'T 1 E' BE3!J% ' ''''

UK3'L2GBEA' !' K4'' I2' 2E 2F' @2' BFKC' BC'EKC!

@2' E 2F23' B ' BC2' 4BC23' B' 3' 4 C'M' E' @2' BFKC!' E' 3N 2' 2 ' ' ' @' ' 3' A23 FBG2A' 'EA' ' ' @' ' 3' LKF 2A' 3B' CK4@' 3 ' F2C' E3' B' L2' 322E' 'EA' 2H2FG' 3 BE2' @'3' 3' 3 BFG!' H2E' I @BK' 2E 2F E1' E B' ' ' @2' H2M2A' 'F4@32B B1 4'' SK23 BE3' I@ 4@' @'H2' 2A' @2' HB KC23' B ' 'E E'' KE32E' 2LK@F' 'EA' C'EG' B @2F3' @2' B44KN' BE' I@ 4@' '' F'H2 2F' E 2F23 2A' E' @ 3 BFG' I ' EA' @2F2' 3' '' LK' E2M@'K3 L 2' 'EA' ' 2F' @2' A 3NK 23' B ' 42E KF 23' @2' A 2F2E' 3 23' 322C' EB I' B' L2' H2F 2A' I @' B 2F'L 2' 42F ' E G!' @2' 3 KAG' B ' @2' BC'E' BFKC' 3' 4BCN 4' 2A' LG' @2' 68 66 0' B ' NKL 4' 2A 423' LG' I@ 4@' ' @'3' L22E' B44KN 2A' 2'4@' N2F BA' B ' BC'E' @ 3 BFG' @'H E1' '' A 2F2E' 32' B ' LK A E13' 'EA' 2'4@' E' '' 1F2' R' C2'3KF2' 3KNN 'E E1' @' ' I@ 4@' I 2E' L2 BF2!' EB @2F' A 4K G' @'3' E' KF' G' 'F 32E' FBC' @2' 2M422A E1 G' !4 F4KC34F L2A' 3N'42' E' I@ 4@' ' ' @232' LK A E13' @'H2' B' L2' 'FF'E12A' 'EA' I@ 4@' 3@B I3' @' ' C'EG' B ' @2' 'E4 2E' 2CN 23' CK3' @'H2' L22E' C2F2' 4@'N2 3' 'EA' @2' 3B"4' 2A' ? 'O23J' 2' CBF2' @'E' BKE ' E3!

? @ 3' 3NB ' I@2F2' @2' 32E' 2' @'A' 3' '332CL 23' I@2F2' @2' FB3 F'' I2F2' N '42A' I@2F2' @2' A23 E 23' B ' @2' I BF A' I 2F2' A 34K332A' 3' @2' CB3 '42 2LF' 2A' 'EA' @2' CB3 '4 '33 4'' B ''E4 2E' BC 2!' ' I '3' 'ABFE2A' I @' @2' CB3 ' C '1E 42E' CBEKC 2E 3' I@ 4@' I 2F2' 3B' 4FB I A2A' KNBE' BE2' 'EB @2F' @' ' @2 F'@2' N2A"KN' FK E3' 'F2' EB '3K 4 2E' BF' ' @2' E' C23' I@ 4@' 'F2'@'EA2A' AB I E' B' K3' LG' @ 3 BFG!' @2' 4BKF32' B ' 42E KF 23' @'3' BH2F @FB I E' @2' BFKC' 'EA' C' 2' ' CNB33 L 2' B' A2 E2' @2' 2H2 'B ' @2' 'E4 2E' 3B ' 3' I 2E G" BKF' 22' L2 B I' @0 ' B ' B"A'G' 'EA' @B I 2H2F' 1F2' ' '' A23 F2' BE2' C 'G' 22' B' F2NFBAK42' @2' N'3 ' ' CK3' L2' '4OEB I"

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2A12A' @' ' @ 3' H2FG' A 2F2E42' B ' 2H2 ' 3' '' 2FF L 2' BL3 '4 2' B' @2' NB I 2F3' B ' C '1 E' BE0' '1' E ' @2' KE42F ' E 23' B ' 'F4@CB B1 3 3' 'F2' A 34BKF'1 E1' B' 4KF B3 G' 'EA' @2' A23 F2'B ' K3 BE!' BF' C BF2' @' E' @F22' 42E KF 23' 2'FE E1' @'3' L22E' ' ' I BFO' KNBE' @ 3' 2 A' B ' FK E3' I @BK ' L2 E1' 'L 2' 2H2E' B' '1F22' KNBE' 3' L2 'F E13' 0' 3BC 2' A234F L E1' ' '3' 2M 2EA E1' FBC' EBF @' B' 3BK @ ' B @2F3' FBC' 2 '3 ' B' I 23 !' B B I E1' @2' 4BCCBE' BN E BE ' 3' 2E1 @' I '3' FBC' @2' 'F4@' B ' 2N C K3' 2H2FK3' B' @2' 2CN 2' B ' E BE EK3' 'EA' 'K3 E' ' 'EA' 3' LF2 'A @' FBC' @2' 4@ VF4@' B ' !' AF 'EB' B' @2' 3 2N3' B ' @2' '3 4 ''UK '!' SK' ' KE42FT ' E G' NF2H' 3' '3' B' C 'EG' B ' @2' 2M 3 E1' FK E3!' @2' BF 1 E' B ' @2' BEKE' 1B23' L '4O' B' @2' ' 'E42' B ' @2' BC 'E3' 'EA' 'L E23!' ' I '3' '' 3N '42' 3KFFBKEA2A' LG' C 'F3@23 ' I @ 4@' 2M 2EA2A' L2 I 22E' @2' (' 'T E2' 'EA' @2' 'N B ' B44KN 2A' LG' @2' I B' 4B BE 23 ' 'EA' 32FH E1' '3' '' E2K F' '1FBKEA' I @2F2' @2G' 4BK A' C 22 !' @2' KF 'E' 'O2' I '3' 3 K' 2A' E' @2' C A3 !' BE3 'E G' 'ABFE2A' KEA2F' @2' F2NKL 4' 'EA' @2' 2CN F2 ' ''NN2'F3' @' ' '4BE EK2A' B' 2M 3 'KE ' @2' 2 2H2E @' 42E KFG!' 3' B ' ' FK E' A ' 23' FBC' BL2F ' *K 34'FA ' I @B ' I @2E' 4 ' 2A' B' @2' '33 3 'E42' B ' *F21BFG' ! ' 2 ' ''@2'N' B ' FK E3!' L 'EABE2A' BF' C 'EG' 42E KF 23 ' 'L24 'C2' ''F242N '4 2' BF' FKLL 3@ ' I @ 4@' 1F 'AK ' G' F ' 32A' @2' 2H2 ' B ' @2' 3B !' LBK ' \ : - ' ('K ' !' L21'E' B' C 'O2' 2M4'H ' BE3' E' @2' BFKC!' @2E' @2' N '42' L2A 'C2' ''4 ' 2"C 'FO2 ' 'EA' @2'1 BF BK3' E ' C 2' B ' BFKC' BC 'EKC' 4@ 'E12A' E B' @' ' B ' 'CNB' '44 EB!

?' @2' BF' C' I '3' 3KFFBKEA2A' LG' ''NBF 4B' B ' I B' 3 BF 23 ' @2' B I 2F' B ' I @ 4@' I '3' B44KN 2A' LG' 3@BN3' 'L2FE 2 !' E' @2' L2 EE E1' B ' @2' 3 M @' 42E KFG' B ' BC 2 ' I B' F23' A23 FBG2A' N 'F ' B ' @2' 2A 423' I @' I @ 4@' '@ 'A' L22E' 2CL2 3@2A!' @ 3' I '3' 'E' BNNBF KE G' BF' 3B ' E1' @2' BFKC ' 'EA' L '3 4 '3' 'EA' 2CN 23' I 2F2' F' 32A' E' 3K44233 BE' ' BE1' 3' 3 A23 ' I @ 4@' E' @2 F' KFE' I 2F2' N 'F G' A23 FBG2A' E' @2' F2' B ' 2FB!') BC 'E' F2LK ' '' N 'F ' 'EA' 'AA2A' @2' 2CN 2' B ' 23N '3 'E ' 'EA' E BE EK3' @' ' B ' 'K3 E' !J% ' 1' .

@2' 2I' 2M4 'H' BE3' I @ 4@' @' H2' L22E' C 'A2' E' @2' BFKC' 'F2' BF' @2' CB3' N 'F' AK2' B' @2' 12E2FB3 G' B ' *2BF1 'E' ') K4@233' B ') 2HBE3@ F2!' @2' N 'N' ' 1BH2FEC 2E ' @ '3' ' I 'G3' A 3N 'G2A' @2' CB3' 2M F 'BFA E 'FG' 'N' @G' 'LBK ' 2M 2EA E1' @2C' 'EA' I @2E' '' 'F12' 2M4 'H' BE' I '3' C 'A2' E' @2' I E 2F' B ' , ;8"-<' LG' @2' F 3@' F4@'2 R B1 4' ' B4 2 G' E' FBE ' B ' @2' 4@KF4@' B ' '!' ' E' ' E3 3 2A' BE' 3' L2 E1' CC2A ' 2 G

2A KN '1' E E3 2'A B 2M 2EA E1 '3 C 1@ 2'3 G@'H2 L22E ABE2 B B E @2 2M4'H' BE I@4@@'A BE1 2M3 2A BE @2 HK3 'N B EK3! 2F2 @2 FB'A3 2'A E1 B @2 BFKC B L2 4B32A 'EA '' 'F12 LBAG B 2 4 2E 'LBKF2F3 32 B I BFO @2 I@B 2 B @2 BC'E BFKC 'EA 3 3KFFBKEAT E13 C 1@ L2 ' A L'F2 E '' CBE@ I @BK 'EG E KFG B @2 E 2F23 E1 4@KF4@23 E 3 E2 1@LBKF@BBA! NF23BF 2H2E @' N'F I@4@ 3 A3E2FF2A 3 4K KN LG '' EKCL2F B F' 32A 4'K32 I 'G3 I@4@ A3F'4 @2 2G2 'EA C'F @2 12E2F' 2 24 !

I 2 3 'EA BE @2 4'K32 I 'G E FBE B @2 'F4@ B 2N C K3 2H2F'3 'EA KFE BI'FA3 @2 'N B I 2 BBO KNBE @2 HK3 'N B EK3 I@4@ 3 N2F 24 G 4FB I A2A I @ @3 BF4' 3 23 'EA F'1C2E 3 H P!

! @2 CBA2C 'N B F23 E1 BE @2 $I8#7 8 @3 3 BE2 B @2 2'F 23 'F4@ 24 KF' / F2 43 E BC2! 3 LK E @2 FK34'E 3G2 B @K12 L B4O3 B K '' BF N2N2F EB N '42A BE1"' 'EA 4FB33"I"'G3 ' 2FE' 2 G! I'3 BFC2F G 4BCNB32A B I B 3 '123 4' 2A 'C2 'F '' E G @2 BI2F EB I F2C' E3! 4BE ' E2A @2 'L 23 B @2 'I3! @2 4BFF ABF I@4@F2C' E3 E @2 E 2F BF 3 K32A '3 '' CKT 32KC B ''F4@ 24 KF' F'1C2E 3! @2 'LK 'F KC NFBL'L G 4BCCKE 4' 2A I @ @2 0- 7 8 E @2 2CN 2 B ' KFE!

9! E @2 F1@ B @2 2M4'H' 2A 3N'42 'EA E2'F23 @2 'LK 'F KC @2 3 2 B @2 I8 E FBE B I@4@I2F2 @2 60 7 B I@4@ @2 @2'A B 4 'H K3 I '3 ' M2A LG 'F K3 'EA @2 @2'A 'EA @'EA B 42FB LG E BEG 'EA I@2F2 K H '' @2 I AB I B BA K3 3N'' E @3 A2OA '42 'EA N 2F42A @3 E'E C' 2 BE1K2 I @ @2 N E I@4@ 3@2 IBF2 E@2F @' F! E FBE B @2 FB3 FKC I2F2 @2 3 ' K23 B @2 @F22 LG 3 4' 2A F '' ' '!

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7! 2 B I ' 2 CBF2 B @2 F 1@ 3 @2 3 2 B @2 (
0 0 I @2F2 @2 3KFH HBF B @2 BF' I '3 4BEA2CE2A B
A2' @ 'EA 3'H2A LG @2 HB 42 B @2 N2BN 2! 2F2 ' 3B
I '3 @2 FBN@ 2A N 'F I @ 4@ LBF2 @2 'FC3 B @2 KF ' !
E @2 'F2 B @2 BC KC 1F2 I @2 'CBK3 1" F22 I @ 4@
I '3 ' I 'G3 NF232FH2A @2F2 E 4BCC2CBF' BE B @2 F22
KE F I @ 4@ BCK K3 'EA 2CK3 I 2F2 3K4O 2A LG @2 IB
'EA L2E2' @ I @ 4@ I '3 LFBEP2 F2NF232E ' BE B @2 I B
'EA @2 4@ AF2E!

:! 2 CBF2 B @2 2 3 @2 3 2 B 0@) 8# 7 7# 3B
4' 2A FBC 'E ' 'F A2A 4' 2A B K 4'E N ' BFC 3
A2 E2A I @2F2 E @2 2'F 23 C23 BCK K3 'EA ' K3
K32A B C22 BE E 2FC2A ' 2 1FBKEA 'EA F'E3'4 ' ' F3
4BCCBE B LB @0 'EA I @2F2 FK K3 I '3 32' 2A I @2E
I @BK 'EG 4@'E12 B 4BKE 2E'E42 @2 3' I @ 3 I B 3BE3
L2' 2E 'EA L2@2'A2A! A B E E1 @2 K 4'E I '3 @2
G 6076 6 I @2F2 BF2 1E 'CL'33'ABF3 I ' 2A L2 BF2 @2G
I 2F2 'AC 2A B 'E 'KA 2E42 B @2 32E' 2!

\! 2 B I @2 K 4'E 'EA K3 L2@ EA @2 F4@ B
2H2FK3 3 @2 3 2 B @2 9# $ A A 4' 2A
H @ L '3N@2CBK3 E'NNFBNF ' 2E233 9 LG @2 4BE3K
N C K3 CC2A ' 2 G ' 2F @2 CKFA2F B ' K3 *F'44@K3!
2F2 42FB NFBEBKE42A @ 3 BF BE3 '1' E3 ' E2 L2 BF2
@2 32E' 2! N'H2C2E B 4B BKF2A C'FL 23 F2C ' E3!
3 L'32 'F2 3 B L2 322E 3BC2 3C' F2C ' E3 B @2 # 7
7 I @ 4@ I '3 3KFCBKE 2A LG H2 3 ' K2 B ! '2E K3
I @B A24BF' 2A @2 FB3 F' I @ @2 FBE L2 '03 B H2332 3 '02E
E I 'F!

;! @2 @F22 L2'K K 4B KCE3 I @ 4@ 'F2 3 3 'EA E1
I 2F2 ' F LK 2A B ' 2CN 2 B UKN 2F BE'E3 LK 'F2 EB I
A24 A2A B L2 BE1 B 2 9#) 6976 7 @2 2E1F'H"
! ! ! /

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E13‘ B ‘ (F'E23 ‘ F2NF232E ‘ @2C‘ '3‘ LKF 2A‘ ' CB3 ‘ B‘ @2 F‘ 4'N ' 3 ‘ 'EA‘ @2G‘F2C ' E2A‘ E‘ @ 3‘3 ' 2‘KE ‘ @2G‘ I 2F2‘ A 3T E 2FF2A‘ AKF E1‘ @2‘ F3 ‘ F2E4@‘ B44KN' BE!‘ @2‘ 3N'42‘ I ''3‘ 3B‘ C 2A‘ E‘ @ 3‘ N'F ‘ B ‘ BC2 ' @' ‘ E‘ BFA2F‘ B‘ NF2H2E ‘ 2E4FB'4@ E1‘ KNBE‘ @2‘ 3 F22 ‘ HK3‘ 'N B EK3 ‘ I @ 4@‘ A2342EA3‘ @2‘ @ ‘ L2 I 22E‘ @ 3‘ 2CN 2‘ 'EA‘ @' ‘ B ‘ ' KFE ‘ @2‘ 2CN 2‘ B ‘ 23N'3 'E‘ I '3‘ F' 32A‘ BE‘ '‘ 0 EA‘ B ‘ 2FC42 ‘ 'EA‘ @2‘ 3 ' F4'32‘ I @ 4@‘ 2A‘ B‘ ‘ I '3‘ @FK3 ‘ E‘ L2 I 22E‘ @2‘ 4B KCE3!‘ @ 3‘ 2CN 2‘ I '3‘ F23 BF2A‘ LG‘ 2N C K3‘!‘ 2H2FK3 ‘ 'EA‘ B‘ @ 3‘ @2‘ 2 2F3‘ BE‘ @2‘ 2E 'L ' KF2‘ F2 2F ‘ L2 E1‘ N'F ‘ B ‘ @2‘ I BFA‘ 60 0 ‘ E3 FKC2E 3‘ B ‘ 3'4F 42‘ 'F2‘ 34K N KF2A‘ BE‘ @2‘ E2P2!

-!‘ E‘ @2‘ 2 ‘ B ‘ @2‘ 2M4'H' 2A‘ 3N'42 ‘ 4 B32‘ L2E2' @‘ @2‘ 'LK 'F KC ‘ '‘ B I ‘ F'E12‘ B ‘ 4B KCE3‘ F242E G‘ F2"2F24 2A‘ F2NF232E 3‘ @2‘ LK A E1‘ 4' 2A‘ @2‘ @ # ‘ V7 0@86 ‘ 4@'CT L2F3 ‘ BF‘ @2‘ K32‘ B ‘ @2‘ 34F L23‘ 'EA‘ N2F3BE3‘ E‘ @2‘ 32FH 42‘ B ‘ @2‘ 4KFK 2‘ 22A 23 ‘ I @ 4@‘ A2F H2A‘ @2 F‘ E' C2‘ FBC‘ 5 'E @K3 ‘ '‘ F22AC 'E ‘ LG‘ I @BC‘ @2G‘ I 2F2‘ F2LK !

,!‘ @2‘ 2 1@ ‘ BE 4‘ 4B KCE3‘ 3 ‘ 3 'EA E1 ‘ N'F ‘ B ‘ @2‘ 9# ‘ ‘ 708 ‘ @2‘ 'E4 2E ‘ 1BA‘ B ‘ @2‘ 'N B !‘ 2 BF2‘ @ 3‘ 2CN 2‘ (BCN2G‘ 3' 2‘ 3KFFBKEA2A‘ LG‘ 3B A 2F3 ‘ 3 2E E1‘ B‘ @2‘ BF' BE3‘ I @ 4@‘ 42FB‘ I '3‘ A2 H2F E1‘ FBC‘ @2‘ FB3 FKC ‘ I @2E‘ @2‘ F242 H2A‘ @2‘ N2F3BE' ‘ 'AAF233 ‘ ?‘ 2‘ 2E C‘ 'C‘ 'NN2 B ‘ 2 ‘2 '‘ HB42‘ K ‘ C2‘ 2M'KA F2‘ NB33 3!J‘ 2F2‘ @2‘ F LKE2‘ 2 2 K3‘ KE1‘ @ C32 ‘ L2 BF2‘ @2‘ ABBF‘ 'EA‘ H' E G‘ ' 2CN 2A‘ B‘ A2 2EA‘ @2‘ F2'3KF2‘ B ‘ @2‘ - 7 8 ‘ E‘ @ 3‘ 2CN 2‘ '1' E3 ‘ UK K3‘ 323'F!‘ @2‘ NF232E ‘ F2C ' E3‘ 'F2‘ @B32‘ B ‘ 'E‘ EA 2F2E ‘ 'EA‘ ' 2‘ F2EBH' BE‘ B ‘ 'E‘ 2'F 2F‘ 2CN 2 ‘ L2 E1‘ 4BCNB32A‘ B ‘ 4B KCE3‘ I E4@‘ A 2F‘ E‘ A ‘ C2 2F ‘ 'EA‘ '‘ F 2P2‘ NK ‘ B12 @2F‘ FBC‘ F'1C2E 3‘ I @ 4@‘ AB‘ EB ‘ L2 BE1‘ B‘ BE2‘ 'EB @2F!‘ @2‘ BF 1 E' ‘ 2CN 2‘ I '3‘ K ‘ LG‘ 'FSK E ‘ 'EA

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I '3 3KNNB32A' B' C 'FO' @2' 3 2' B ' @2' 'E4 2E ' 'L E2' ' 'F' B '
@2' 1BA' 'EA' @2' C ' B ' @2' IBBA' B ' F2 K12' C2E BE2A' LG'
F1 !

8! UK3 'L2 BI' @2' 2CN 2' B ' ' KFE ' 3' @2' 3 2' B ' @2' '
' I 86' 2F24 2A' '44BFA E1' B' '4 K3' KNBE' @2' F24BH2FG'
LG' *2FC 'E 4K3' B ' @2' 3 'EA 'FA3' I @ 4@' 'FK3' @ 'A' B3 !

!' @2' F2C ' E3' B ' @2' ## 7 8 ' 0 8 ' I @ 4@' BFC2A'
@2' KNN2F' 2M F2C G' B ' '' I ' ' '42A' "3H @ C 'FL 23 ' 2EA E1'
E2 'F' @2' 'F4@' B ' 2H2FK3' E' '' 3C ' ' 4BE 4 ' ' NGF 'C A!') 3T
'E423' I @BK ' @2' I ' 3' I2F2' E34F L2A' KNBE' @2' 'F KC'
KF2KC ' '3' A 3 'E423' I @ E' @2' I ' 3' I2F2' KNBE' @2'
NGF 'C A' FBC' I@ 4@' E' @ 3' 4 '32' @2G' I2F2' ' 3B' C2 '3KF2A '
I@ 4@' LBF2' @2' E' C2' B ' " I # 86' 7 ' @2' ''
'4F' ' I@ 4@' 3' 3 ' H 3 L 2 ' A2342 A2A' FBC' @2' 'N B '
L2 I22E' @2' 2CN 23' B ' ' KFE' 'EA ' 23N '3 'E % L2 E1'
OEB I E' @2F2' '3' @2' HK3' 'N B EK3 ' 'EA' N '332A' B' @2'
2 'B %

!) 7 0 @' ' 90 86' 5 86' I@ 4@' I '3' 2F24 2A' LG'
@2' 32E ' 2' & ' 9<\ ' E' @BEBKF' B ' @' ' 2CN2FBF' 'EA' @ 3' I B'
3BE3 ' 'F '4' '' 'EA' *2 '! ' 3' 'ABFE2A' I @' L '3"F2 2 3'
F2 ' E1' @ 3' H 4 BF 23' E' @2' 2'3 % @ 3' 2E FG' E B' 'LG BE '
'EA' @2' B I 2F' B ' @2' 2CN 2' B ' 2 K3' 'F2' F2NF232E 2A!' '
4KF BK3' C2CBF ' ' B ' CN2F ' ' @ 3 BFG' C 'G' L2' BL32FH2A' E' @2'
E34F N BE' I@2F2' I2' C 'G' 3 ' A 342FE' @2' 2F '3KF2' C 'A2' LG'
'F '4' '' ' 2F' @2' @ 'A' NK ' @ 3' LFB @2F' *2 '' B' A2 ' @' E' &'
9 7' BF' @2' 3 '02' B ' BL 2F' E1' @ 3' C2CBFG!' @2' 'AA2A'
IBFA3' 'F2' !$ $/' 2 #!$//$ $/3 "' #$ $ $ 4/% LK ' @2'
'E4 2E ' E34F N BE' N!' /" !' ' 2$ ' 5"!6 ' $ $//'
/ #$ '@ '3' L22E' C 'A2' BK ' LG' N ' E3 'O E1' A24 N@2F2F3!' E'
BE2' B ' @2' N 2F3' 3' '' 3 ' F4 '32' 2 'A E1' B' @2' BN' B ' @2' 'F4@'
I@ 4@' I '3' BFC2F G' '3' 322E' FBC' 4B E3' B ' 2H2FK3' 'EA

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'F'4' ' ' 'ABFE2A' LG' '' 4'F' AF' I E' LG' 3 M' @BF323' 'LF2'3 ' 'EA' 4BE ' E E1' 1KF23' B ' 2H2FK3' 'EA' @ 3' 3BE3!' ' I '3' E' FBE ' B ' @ 3' 'F4@' @' ' @2' 3 ' K2' B ' 'F4K3' KF2 K3' BBA ' I @ 4@' 3' EB I ' ' ' @2' 'N B !

? 23' NFBNBF BE3' 4 2' ⇩'F4' A2' 2N C 2" 2H2F2' 3BE ' 2E4BF2' L2 23!' ⇩'3N24 ' 2E' 23 ' C NB3'E ' ⇧' ' 23 ' 3B A2' 3'E ' 2 F2' BEFA!' '' 1F' E A2' E34 ⇩N BE' B ' 32' 32E ' 23' 2N @2 23' H 4 BF 2K323' SK ' F' NN2 2 ' 23' 3K1423' C ' F23' A2' ⇩2 C N2F2KF ' (' F @ SK2 ') ' 4 SK2 ' A SL2K SK2 ' 32' A2N B 2' 3KF' KE2' H ' 3 2' 3KF ' 42' 2 ' ABEE2' % ⇩2E ' L 2C 2E 'KE' ' F' A2' C ' 23 2' SK⇩' AC F2E ' 23' 'F 3 23!' 2 2' E34F N BE' 23 ' ABKL 2C 2E ' @ 3 BF SK2' ⇧ 2 2' F ' NN2 2' 23' 4 ' C N ' 1E23' A2' 2H2F2' 2 ' '' F ' 12A 2' ABC 23 SK2' SK ' 'NF 23' K ' 2E3 ' E1'" ' E '' 3 '' ' C 2 ' 2' C 2KF F2' A⇩KE' A2' 323' 3' C C B 2' N ' F' ⇩'K F2 ' 2 ' ⇩'4@ ' FE 2 C 2E ' A2' 42 K "4 ' ' NBKF3K HF2' '' C 2C B F2' AK' F2F2' SK⇩ ' 'H' ' ' ' '33 '33 E2F!' 2' EBC ' A2' * A ' '' 2 2' H 3 L 2C 2E ' 2 '42' N ' F' 'F'4' '!' ' ' C 2C 2' 4@B32' 32' F2C ' FSE2' A ' E3' KE2' E34F N BE' 3KF' LFBEP2' SK⇩BE' HB ' 'K' 'N B 2' 2 ' 3KF' 2' N2 ' ' F4' AK' 'F4@2' 'KM' LS2K 3' ABE ' ⇩' ' N ' F 2 ' B ' F C ' 12' A2' * 2 '' '' 2 2' 2 '422' 4BC C 2' 3BE' EBF' !' 'F'4' '' N2' N2FC ' N ' 3' C 2C 2' '' 42' EBC ' NFB 4F ' A2' 32' 4 ' 4@2F' N ' FC ' 23' @ 2FB1 GN@23!' E' ^ GN 2 ' 42KM' SK ' 4BC NB3 ' 2E ' 2' EBF '' A2' * '' BE ' A 2' 1F' 3' 3KF' 23' C BEK C 2E 3!⇩ % 3 '%⁄!' 4E3 ' ' !' 9 - , !

B' A2342EA' E B' @2' A2N @' B ' @2' BFKC' 'EA2M' C @ ;' @2' CBEKC2E 3' 4 B32 G ' ' 3' E24233 'FG' B' '30' 'AC 'E42' FBC' '' 3 BE2C '3BE ' I @B' H23' E' @2' F3 ' @BK32' BE' @2' 2 ' B ' @2' HK3' 'N B EK3!

@2' N ' BFC' BE' I @ 4@' I 2' @ ' H2' L22E' 3 'EA E1' 2 ' A3' B' @2' '' A2 '' BE3B 'P BE2 ' B44KNG E1' @2' 3 2' A ' @2' 'E4 2E ' E 86' 8%7 86 ' I @2F2' K1K3 K3' 2F24 2A' 'E' ' 'F' B' 2F23 ' 'EA' 'EB @2F' B' N3' K1G3 ' ' @2' 1BAA233' B ' I 2 ' @!' E' @ 3' ! 3 F22 ' BE' @2' 2 ' 3' '' 1BBA' 4 ESK2"42E B' ABBF I ' G! ' @2F2' @ 3' 3 F22 ' 2 ' H23' @2' BFKC' I '3' 2' 3B"4 ' 2A' 7 006' (5 # 86 ' '' L ' 3 E' I @ 4@' NFBL ' L G' A2F H2A' 3' E ' C2' FBC' 2FH K3' @ ' '' I @B' 3 2 I ' @2' N@ ' D @FBN 3 ' N!' 32 K3' I E @' '' A ' 112F' E2 ' F' @ 3' H2FG' 3NB ' 'EA' I⇩@ 4@' I '3' 2E4 F4 2A' I @' '' 1@ ' 3 G' FB I ' B ' @2 ' A3' E' @2' C '33 ' 4F23' KEA2F' G '!' @ 3' BKE ' E

/ /')' ' ' =

I '3 'ABFE2A' LG' !' 1F NN '' I @' @2' 1KF2' B ' '' @GAF'!' @2' F 1@ ' 3 A2' B ' @2' BFKC' 3' EB I ' B44KN 2A' BF' '' 4BE3 A2F'L 2' A 3 'E42' LG' @2' A 3 E 2FF2A' F2C ' E3' B ' @2' : 76 # 7' 8# 7 ' L21KE' LG' UK K3' 3'F ' 'EA' E 3@2A' LG' K1K3 K3 ' I@B' A2A 4' 2A' ' E' @BEBKF' B ' @ 3' A'K1@ 2F!' ' L'3 4 '' B ' @ 3' A234F N BE' I '3' E 2EA2A' N'F G' '3' '' ' I ' BKF ' 'EA' N'F G' '3' E' M4@'E12!' E' @ 3' L'3 4 '' @2' KA123' 4' 2A' 2E KC'' H F ' @2 A' @2 F' 4BKF 3 ' I @ 4@' I 2F2' BKF' E' EKCL2F

?' U ' C' 4 ' CBF ' 42E KC SK2' H F ' A2E3KC SK2' 4BFBE32'
K 1K3' 0 2 ' E ' E X' UK '' 24 '' N ' 42E !J
":' H !' / '.' 7,

2GBEA' @2' L'3 4 '' 'F2' @F22' L2 'K K ' 4B KCE3' I @ 4@' L2 BE1' B' '' F23 BF' BE' B ' @2' 9# ' ' 760 ' 7 $' ! #P #8F ' A2A 4' 2A' LG' (B3 KC K3 ' ' : , :!' 2F2' 4B3 G' 3'4F T 423' I2F2' ' I 'G3' B 2F2A' E' @2' A23' B ' UK G ' ' ' @2' 'EE H2F3'FG' B ' @2' L' 2' B ' @2' 'O2' 21 K3 ' ' 2F' I @ 4@' @2' BC 'E' OE 1@ 3 ' F 4@ G' 4 B @2A ' 4FB I E2A' I @' B H2 ' 'EA' L2 'F E1' @2 F' FBN@ 23 ' FBA2' N'3 ' ' E' C 'FG' NFB4233 BE ' 3 'F E1' FBC' @2' 2CN 2' B ' 'F3' BK 3 A2' @2' (BF '0 'N2E '!' @2' 2E 'L ' KF2' I @ 4@' @2' @F22' 4B KCE3' 3KNNBF ' 3' B ' 1F2 ' ' F 4@E233 ' 'EA' @2' I @B 2' F'1C2E ' 3' 4BE3 A2F2A' B' L2' BE2' B ' @2' E23 ' 2M 3 E1' 3N24 C2E3' B ' @2' BF E @ 'E' BFA2F!' BE2' B ' @2' BC 'E' FK E3' @'H2' 1 H2E' F 32' B' CBF2' A 34K33 BE' @'E' @ 3!' ' @'3' N2FN2 K' G' 4@'E12A' 3' E'C2!' KE32E' 'EA' C 'EG' B @2F' 'K @BF 23' 4BE3 A2F2A' ' B' L2 BE1' B' @2' 2CN 2' B ' E2FH '' @' 4 A 4 '0 LK ' '3' ' 3' OEB I E' @' ' @2' NB3 BE' B ' @2' EB I ' A 34BH2F2A' '3 4 '' UK '' I '3 ' 2M '4 G' L2 I22E' @2' 2CN 2' B ' ' KFE' 'EA' @' ' B ' '3 BF ' 'EA' '' N'33'12' B ' H A' A234F L23' @2' ' 2F' '3.' L2 E1' 4 B32' B' @2' 3 2' B ' @2' 2CN 2' B ' 23 ' ' I @ 4@' 3' ' 3B' '342F ' E2A '

I ' ' /

322C3' ' CB3 ' 42F ' E' EB I ' @' ' ' L2 BE12A' B' @2' 2CN 2' B '
@2') B34KF !') BE" '33 K3' C2E BE3' @' ' ' 1K '' C 'A2'
@ 3' 2CN 2' '' H23 LK 2' B' @ 3' @BK32' BE' @2' (' ' E2!
2F2 ' BE' @2' F 1@ ' LF 'E4@23' B ' @2' '' A2 ' 2E ' BE42'
@2') 86' 86 86 'BF' FK34 'E' SK 'F 2F' 322' @ 'N!' ! ' 2 'A E1'
B' @2' F4K3' 'M CK3!' ' 3' 2E F 'E42ß I '3' @2' LFBEP2'
3 ' K2' B ' 2F KCEK3 ' @2' 1BA' B ' FKF ' ' 'EA' N ' FBE' B V @2'
SK 'F 2F!' @2' BE1' FBK1@"3@ 'N2A' BKE ' E' @2F2 ' ' ' I @ 4@'
3K4@' N 4 KF23SK2' 1FBKN3' B 'BM2E' 'EA' LK ' B23 'F2' 4BE3 'E G'
3 'EA E1 ' 3' '' C2CBF ' ' B ' @2' 7D ' ' 808 7' @2' 3 3 2F' B '
KCK3 ' BF' '3' 3@2' I '3' 3BC2 C23' A234F L2A ' @2' I 2' B '
U 'EK3' @2' 'L E2' I 'F"1BA!' @ 3' BKE ' E ' BF' 3K4@' ' CK3 '
@ 'H2' L22E ' I '3' AF 2A' KN' LG' ('K ' !

? ' / '(' 2E KF '3' NF '242A ' 32M '' O ' 2EA '3
'4 ' 3KE ' 2A '2 3' 2C N '' A 4 ' '' A2 3!
§ ' F LK3' '' A2 3' F ' F23' A2 ' 12E 2' A2BFKF ''
F4 '' UK KC 2' 4BC NB3K2F2' ' 4K3!J
* 5.') #' !' -<\!

2F2 ' A B32' KEA2F' @2' (' ' E2 ' 3' @2' 3 2' B ' @2'
'CBK3' 0 9# ' ') 607 ' E' I @ 4@' @2' 3 '4F2A' F2' I '3' NF2T
32FH2A ' Y I @ @2' N ' 'A KC' 3 'H2A' FBC' FBG!' E' @2' ' 'F
B ' @ 3' 2CN 2 ' L BBA' I '3' 3NF EO 2A' 'EEK ' G' FBC' @2' ' ' B '
@2' @BF32' I @ 4@' I '3' 3 '4F 42A' B' 'F3' E' @2' 'CNK3"'
'F K3!' @2' BKEA ' BE' B ' @2' 2CN 2' I '3' ' F LK 2A' B'
KC ' ' LK ' @2' I BF3@ N' CK3 ' @ 'H2' 2M 3 2A' E' (2 '31 4' C23 '
'3' @2' CB @2F' B ' BE K K3' I '3' '' H23 ' !' ' I '3' LKFE '
AB I E' E' @2' F2' B ' 2FB ' F2LK ' 'EA' '1' E' LKFE ' AB I E'
KEA2F' BCCBAK3 ' 'EA' NFBL 'L G' F23 BF2A' BF' @2' '3 ' C2'
LG' 2 B1 'L ' K3!' 2F2 ' AKF E1' @2' 4BE3K ' 2' B ' @2' GBKE1'
'F K3 ' @2' @ 1@' ß NF 23 ' 432HB '' I '3' CKFA2F2A ' 3N '3@ E1'
@2ß C '12' B ' 23 '' I @' @ 3' L BBA % 'EA' @2F2' % & ' ' ()

/ ') ' / / / ') ' 9 / \

(3B ' @2' 'ABN 2A' 3BE' B ' * ' L ' ' I '3' CKFA2F2A' E' @2' 3 'E4 K 'FG' I @ @2F @2' @ 'A' 2A' BF' F2 K12 ' 'EA' @ 3' @2 'A ' L2 E1' 4K ' B ' I '3' ' M2A' B' @2' FB3 F '!' 2@ EA' @2' 2CN 2 ' ' BE1' @2' B I 2F' F A12' B ' @2' (' ' E2 ' 3 F2 4@2A' @2' 3 '4F2A' 1FBH2' B ' 23 ' ' 'EA' @2' 3 2' B ' @2' 4@KF4@' B ' '!' 'F '' L2F' F 42' I '3' B44KN 2A' LG' @2' 0 8 ') 60 6 ' '' O EA' B '4BEH2E ' BF' @ ' H23 ' ' H F1 E3!' 2F2' KC '' (BCN K3' M2A' @ 3' F23 T A2E42 ' @BN E1' B' 4BE4 ' 2' LB @' @2' ' E3' B ' @2' (' ' E2' 'EA' @2' 'L E23' B ' @2' 'N B EA' LG' B44KNG E1' '' E2K F' ' 1FBKEA' L2 I22E' @2C!

?' >K32F 3' 2F'R' A 4 'C ' H 4 EKC ' '3 BF' ' 4 'E '2'
F 'E3 L 3' 23 B2 ' H F1 E2 ' C SE2' ABC KC
EA2' 3 '4FB' H2E2F 'EA '' N2 23' N ' ' '' HB!J
": !' / ' ' -<!

?' 2' B4K3' 23 ' 23 2 ' SK ' (' 'A '' 32FH ' ' 2 ' 1E2C!
2' K ' 'E SK 'F21 '' N 'FH '' KC '3!J
* 5.' #' !' /" ' P

H' 2' B4K3' 2M 1KK3 ' SK ' 3K3 E2 ' ' F '' 23 '2
KE4' 2F ' ' E BE3 ' F21 '' C '1E '' KC ' !
BFC '' 'C2E' 2CN ' SK '2' EKE4' C 'E2 ' 'E 2' K 332'
6) 4 KF0' 2 ' BFC32' 4 'K3 '' NFBL ' EA '' 3EL23 !'
23 '' 2 'A2C ' 23 ' 2 ' 2FF '' D' 3KL23 ' H 1 ' 1E 3' K F SK2 '
1E 4 'E ' 32A2C ' 2FF '' B4K3SK2' 3K ' C!
2FF '' N 32' 3 C 3 ' EK B' K 4 C E2' E M '
4F2' 3KL 24 B' 'C ' 1F 'H2' N2EA2 ' BEK3!
F 2' GF ' 4B3 '' 3K3N2E3K3' E' ' 2F2' 4 'K3B'
' ' 1 BLK3 ' C C2E3 ' N ' FH '' 1KF '' N B D
'SK 'E KC '' 3KC C 3 ' 'E KC ' 324233 ' ' L' C 3'
2FF '!' >KBA' K ' ' ' BFC '' FB KEA '' '4 !
('F' '4 23' 2 C N 0 EK K3' NFB4KFF ' ' L' B'
E1K K3!' 'N KH B' H EA 4 ' ' C LF2' @B K3!J
* 5.') #' H !' 9 ; 7!

?' 2FH ' ' 2 ' L ' ' 'F23 ' 2 'SKBFKC ' K42 ' E' ' F 3'
1E 3' ' A@K4' (@FG1 K3 ' EK SK2' 'A3N24 '' H FBFK C '
(' '3 ' E' ' L3 FK3B' N 1EK3' C 2C BF ' L 2' 2C N B!J
1- $.' M ' 889!

B32 B @2 2CN 2 B 23 I 3 @2 %7 I@2F2 UK K3 '23'F H2A 3 NBE 2M C'M CK3 % I@2F2 (BCN2 @3 324BEA I 2 'AC 2A @2F BH2F BA K3 E @2 A 31K 32 B IBC'E B @2 CG3 2F 23 B @2 BE) 2'% I@2E42 '23'F I2E BF @ B @3 A2' @% 'EA FBC I@4@@3 '3 I 2 NKF@ FK3@2A BF @ I @ BKA BK 4F 23 B F242 H2 @3 A2'A LBAG!

BC2I@2F2 E @3 N'F B @2 BFKC I'3 @2 2CVK3 8 0 7 7D 3B 4' 2A FBC 2 K3 KF K3 'L E2 I'FF BF I@B I @A 4K G 234'N2A FBC 3 SK'1C F23 N @2 'N B ' 2F ' L' 2 L2 I22E BCK K3 'EA ' K3! 'A NE A24 'F23 @' @2 SK'1C F2 ' 2F I'FA3 L24'C2 1K I@4@ 'E BF'4 2 A24 'F2A IBK A E2H2F 4 B32 KE @' I@4@ I'3 CB3 CNBF 'E B @2 BC'E N2BN 2 I'3 3'4F T 42A B @2E @2 GBKE1 'F4K3 KF K3 2SK NN2A E K 'FCBKF 2'N @3 @BF32 E B @2 'LG33 2M4 ' C E1 @' EB @ E1 I'3 CBF2 CNBF 'E N @2 BC'E N2BN 2 @'E 'FC3 'EA 4BKF'12 'EA @2 1K I'3 4 B32A! IB ' 'F3 I2F2 ' 2F I'FA3 2F24 2A BE @2 3 2 B @2 IB @2FB23 'EA H E2 'EA B H2 F22 1F2 I @2F2

? B4 KL 'EKE4 BF' 3KE KA' 2EK2F2 N' KA23 D
EE2'F2AKEA' 3' B33'' C 'A2L' ' 'SK 3!
KF K ' 2' '4K3 '3 44'3 SK '3K3 E2 ' 'F'3!
KE4 B A'' 23 ' 2 K3 '32A' '4K3 'E 2' !J
' * 5. 76 H ! : < !

BC2 BKE ' E 02 @B32 B 2FH K3 'EA UK KC ' L2 'F E1 @2 E' C2 B '4K3 KF K3 CK3 @' H2 2M3 2A" BE @3 3 2 B CN2F ' C23 BF @2 CN2FBF * ' L' I '3 CKFA2F2A @2F2!

? ' 3 E1 2' 4B@BF ' 3 3KFFBKEA2A' * ' L ' ' I @2E' @2' 3 'EA 'FA"L2 'F2F BF2' @2' C N2FBF{3' C '12' FBC'@ 3' 3N2'F"@2 'A ' 'EA' A '3@2A' 'BE' @2' 1FBKEA!' @2' 3B A 2F3' I 2F2' ' ' E42' A24 A2A' BF' @B 3 I BFA3' I 2F2

;' ' K3 ' ! ' HF'H !';' ' ' HG'H ! ;!!' 'FF!' H! 79
' U (EG' - ' ,!

AF' I E' 'EA' 2H2FG' 3GC N BC' B ' 'HBKF' BF' * ' L'' 'CBE13 ' @2' LG3 'EA2F3' I '3' F2NF2332A' LG' C 2E' 423 ' ' @2G' A 3N2F32A' 'EA' 2A' E' @BFFBF' FBC' @2' BFKC!' ' '3 ' @2' L2 'F2F3' B ' @2' 2C N2FBF{3' 2F' BH2F KFE2A' '' ' @2' KF 'E' NBB ' L2E2 ' @' @2' 'N B !' E' '' 2 I ' CBC 2E 3' 2E2C 23' 3 I 'FC 2A' 'FBKEA' @ 3' LBAG!' ' 2 I ' I BFA3' @2' CK 2F2A ' I @ 4@' @ 'H2' L22E' A H2F32 G' F2NBF 2A{' 3BC 2' 3 ' A' @' ' @2G' I 2F2' 'L 24 ' 'EA' KEL24BC E1{' B @2F3' ' FC2A' @' ' @2' NF232E 2A' @ 3' E240' B' @2' '33'33 E{3' 3 I BFA ' 'EA' L'A2' @ C' 3 F O2' /' ' ' I 2F2' BF' @2' 1BBA' B ' @2' F2NKL 4LK 'EBE2' 3 2E2A ' EBE2' NB@ 'N3' @22A2A' @2' I BFA3' '4 K' G' 3NBO2E' {' * ' L' {3' @FB' ' I '3' N 2F42A 'LK ' 2H2E' @2' 'K @BF' B ' @ 3' C BF ' ' I BKEA' I '3' EB ' '342F ' E2A ' I @ 2' @ 3' LF2 '3 ' L2 E1' NFB 24 2A' LG' @2' 4K F'33 ' @ 3' 213' 'EA' 'FC 3' I 2F2' @' 4O2A' @F2N2 ' 2A' 1 '3@23!' J% 57# ' H !' -7!

2'F' @ 3' N 'F ' B ' @2' BFKC' 3 BBA' '' 4B B33 ' ' 3 ' K2' B ') BC 'E' E' LFBEP2!

. ' N32' B4 ' 4K B3 ' 4K K ' 3 ' 4F' '' HBF' 1B
'CB3K3SK2' '4K3' EBC 2E' C 2C BF' L 2' 32FH ' !J
' # # 1 .' "*.' !' ; ;!

6 A B E E1' @2' '3 4'' UK '' 3' @2' #8 ' ' ! @ 76' F' 32A' B' @' ' 2CN2FBF' LG' @2' 2M' F4@' C 'F' 1AK3' E' ;<,!' @ 3' 3" "

H' @2' E' C 2 233' 4B KCE' I @' '' LKF 2A' L' 32 J

B ' GFBE' LK ' 3' EB I' E2 @2F' E' C2 233' EBF' LKF 2A ' 3' N2A23 ' ' @' H E1' L22E' ' A' L' F2' LG' @2') K4@233' B ') 2HBE3@ F2' E' , 7 ' 'EA' L2' F E1' 'E' E34F N BE' I @ 4@' 3@B I 3' 'E' BF 1 E' @' ' EB' BE2' 2H2F' 'E 4 N' 2A!

?' E' @2' '12' B '(@B4 '3' ;<9% WPQT:' @2' 'F' B ' 2F24 E1' '' 4B KCE' O2' @' ' B ' F' 'E' NF' !' KF2 K3' @' A' L22E' B3 !' ' 'F12' 'EA' @' EA3BC 2' BF E @ 'E' N 'F' 'O2E' FBC' 3BC 2' 2C N 2' BF' L'3 4' ' I '3' @2F2 BF2' N '42A' E' @2' BFKC ' BE' '' @K12' NGF' C A' ' L' 3 3' SK 2' BK ' B ' NFBNBF BE' B' ' 'EA' I '3' 3KFC BKE 2A' I @' ' '3 ' K2' B ' (@B4 '3' E' 1 ' LFBEP2!' ' @' 3' 3B' 2' @2' 'NN2' F' E42' B ' '' CBEKC 2E ' ' 4B KCE ' @' ' BF' '' BE1' I @ 2' ' I '3' @BK1@ ' B' L2 BE1' B' 3BC [' FK E2A' LK A E1 ' ' E' , 7 ' @2' E34F N BE' I '3' A 34BHS F2A!' @2' E' C 2' B '(@B4 '3' @' A ' EA22A ' L22E' 2F' 32A{' LK ' @' ' ' CK3 ' @' H2' L22E' A2A 4 ' 2A' B' @ C' 3' 3@B I E' LG' @2

' 7' /

A' 2!' ! ! ! @2' L'32' B ' @ 3' 4B KCE ' A 34BH2F2A' LG' @2' 2M4'H' BE3 B ' , ;' B'@'H2' F23 2A' BE' @2' 'E4 2E ' N'H2C 2E ' B ' @2' BFKC ' NFBH23' @' ' @ 3' BFC 2F' 42E F2' B ' BC 'E' 2' I '3' 3 V' ' @2' L21 EE E1' B ' @2' 32H2E @' 42E K G ' KE2E4KC L2F2A' I @' FK E3!J% ! 7 ' # ' ,'# !' # ' ,' 3!

?' 2' CBEKC 2E ' 2 ' ◊ E34F N BE' SK ' ◊'44BCN'1E2' 3BE ' NF& 2KM' NBKF' ◊@ 3 B F2 ' 4 ' F' 3' CBE F2E ' 2' A2FE 2F' 2FC 2' A2' ◊'H 332C 2E ' BK' BC 2' A2H' ' BCL2F!' C 'F' 1AK3' 23 ' 2' NF2C 2F' C '1 3 F' ' A2' BC 2 % C ' 3' 42' C '1 3 F' ' 23 ' KE' NF2 2 ' ◊2 K' AK' NBKHB F' CN2◊F ' ' 2 ' EBE' A2' 323' +BE'" 4 BG2E3◊% ' 4BC C ' EA2 ' EBE ' '23 ' HF' ' '' ''4 'N ' 2' AK' CBEA2 ' C ' 3' 'K' 4@2 " 2K' AK' AK4@2' A2' BC 2!' 2' NF2 2 ' SK ' E◊23 ' 4BEEK' A2' ◊@ 3 B F2' SK2' N ' F' 323' '4@23' C 2E ' 12C 2E 3' 2EH2F3' 23' 'FL ' F23 ' C ' 1 E2' A2' HB 2F' KE2' 4B BEE2' ' KE' L2 ' K' 2C N 2 ' ' K' 2C N 2' A◊KE' 2C N2F2KF' A2' SK2 SK2' C 2F 2 ' NBKF' ' ' A2A 2F' @' KE' 2M24F ' L 2' GF' E' CBE 2' 3KF' 2' FBE2' N ' F' A23' '33 ' 33 E ' 3 ' ' K' C 2KF F 2F' A2' ◊2C N2F2KF' 'KF 42 ' '' ◊ 1EBL 2' (@B4 '3 ' SK2' BK ' 2' CBEA2' 4BEE ' ' 1F ' 42' @' BFE2 2 ' SK ' ◊'' 2E4BF2' FBN' C2E ' 12!' ' 2' N ' ' AFB 2' B32' 'NN2 2F' F23"4 2C 2E ' 42 K ' SK ' '21BF12F' 3BK3' 23' G2KM' A2' 'KF 42' 323' SK ' F2' 3' 'H' E ' A2' ◊21BF12F' K "C 2C 2!' ' A242C 2' 2' F2' A2' F BCN@' 2KF' '' (@B4 '3 ' SK ' ' 33 '' 4BESK2F F' N ' F' @B3FB23' KE2' LBEE2' N ' F ' A2' ◊2C N F2!' ' B32' 24F F2◊ /'NBKF' 23' EEBC LF' L 23' L 2E ' 3' A2' 3'' N 2 ' NBKF' 2' F2NB3' NFB4KF2' '' ◊ ' 2' 2 ' ' '' L2F 2!◊ E3 ' ◊@ 3 B F2' CBEKC 2E ' 2' A2' '' BC 2' A2' ◊2C N F2' E ' @BE 2K32C 2E ' N ' F' KE' @BC C '12' F A 4K 2' A2' '' L '332332' @' '' H B 2E42!J% 3, !.' / 3, !' 7,8!'

' @ ' BB ' B ' @2' HK3' 'N B EK3 ' BE' @2' 2 ' BBO E1' BI 'FA3' @2' F4@' B ' K3 ' 3 BBA' @2' 9# ' ' 7 86' Q8 86 ' L2 I 22E' @2' 1F2' ' BFKC' 'EA' @2' BFKC' B ' UK K3' 323'F' 'EA' E2'F' @2' '342E ' B' @2' (BF '' U'EK' 3 ' LG' I @ 4@' 'FN2 '' 'AC 2A' @2' 'L E23' B' @2' 'N B !' (FB4BN K3 ' E' @2' 3 M @' 42E KFG ' 3' I ' @2' 2' LFBEP2' 2CN 2' B ' U'EK3' 3 ' 3 'EA E1!' @ 3' I '3 ' BE2' B ' C 'EG' 2CN 23' B ' @2' 1F2' ' 'L E2' 1BA!

?' > KKC ' B ' 3 E ' U ' E ◊' 4KF' 3 '3' 3 '4F' K3' E' KEB!
2' KL ' KE4 '' BF 3' 2C N '' AKBLK3' @ ' L23' RJ
=' * 5.' / #' !' 9\-!

@ 3' I '3' @2' 2CN 2' I @ 4@' I '3' @2' 'CBK3' EA2M' B

N2'42 'EA I'F 4 B32A LG K1K3 K3 BF @2 @FA C2 FBC 3 BKEA' BE' 2F @2 H 4 BFG B 4 KC!

?'f f! !' 2'H'4KKC'AK2 3
U'EKC'>K F E'4'K3 '2'BFA E2C'
24 KC'2'H'1'E ' F'2E'' 42E '2'
E 24 !J
-!.' 5!' Hf' \!

L23 A23 @3 2CN2 @2F2 I2F2 @F22 'F4@23 I@B32 3 23 'F2 KE0EB I E A2A 4' 2A B U'EK3 E A 2F2E N'F 3 B @2 BFKC!

?'f f 324'U'EK3'3KC C K3''L' C B' !
(2FAB42 "% J
-!.' /''' 'a:!

@2 42E F' 'F4@ I'3 @2 F23BF B LFBO2F3 'EA CBE2GT 2EA2F3!

? f! f! (B3 SK'C'BCE 3'F23'C2''U'EKC
A'C2A KC' F'4 ''23 !J
' #' !'7' ,!

BE1 @3 3 A2 B @2 BFKC 3 BBA @2 7I 4 % (' 07 4 @2 3 H2F3C @3 3@BN3 'EA L2GBEA @2 '% NFBL'L G E FBE B ! AF 'EB% I2F2 @2 'L2FE'2 KB N2' I@2F2 F1 E '' I'3 3 'LL2A LG @2F ' @2F I @ '' LK 4@2F 3 OE 2 I@4@ @2 @'A' 32 P2A FBC BE2 B @2 3 ' 3' 3'G E1 ?' @ 3 CG 4@ A 3 @2 BE G I'G B O22N @22 F22 J '3 @2 N KE12A E B @2F @2'F f!U 2'F @3 ' 3B I'3 @2 3 ' K2 B 2EK3 B'4 E'!h

@2 FBE B @2 4@KF4@ B ! AF 'EB 3 '' F'1C2E B @2 :76 # 7 3 # 86 !78#86 LK I @ N'F B \<< ' 2E 3 I@4@ '23'F @'A 32E FBC * 'K B I E @ C BH2F B @3 N'F G! @ 3 L'3 4'' B44KN 2A @2 3 2 B @2 'CBK3 8 7 B K K3 B3 K3!

' K2 BE K3' K1!' 99! ' g 42FB'A2' ! f 9\! U HG' f:,!
h' (EG'- '98!

\; 7 7 ' ? 9' /

? ' 32' F2KE ' NBKF' '' NF2C F2' B 3' 3BK3' KE' B ' 2' 4BE32 ' A23' 'E4 2E3' FB 3' SK2' 2' 3 'H' E ' (FBN2F42 ' 'H24' KE' 32E C2E 'HF' 'A23' 'E "' SK 23' FBC ' E23 ' EBK3' C BE F2' 2 ' SK◊ ' 2 ' ' A 'E3' ◊BF 1 E2 ' 32' F'332C "' 'E ' 'E' 3BE' A2' '' FBC N2' N ' 3 BF' 2' A 'E3' KE' ' .' 4BC C 2' 2' N2KN 2' A 'E3' 42F ' E3' N2 3' 4 'E BE3' A2' '' K 332!J % 3'# !.' #' 3' !' 7 <!

@2' KF '' I '3' 4 'N 'L 2' B ' 4BE ' E E1' 3 M' @KEAF2A' 32E 'T BF3 ' @2 F' EKCL2F' E' @2' C2' B ' @2' *F'44@ !' ' @'A'_ <' F LKE2 % 2 '4@' 3N2 'O2F' FB32' E' KFE' 'EA' 3NBO2' E' @ 3' N '42!' 2F2' I '3' ?' @2' @ ' ' B ' '332CL G' E' I @ 4@' @2' ' 2' B ' @ 2' I BF A' I '3' A24 A2A!J' @2' KF '' I '3' A23 FBG2A' LG' F2 ' I @ 4@' ' 4 'K1@ ' FBC' @2' KE2F' ' NGF2' B ' BA K3!' FBKEA' @2' KF '' 3 BBA' C 'EG' 3 ' K23' B ' BC 'E3' I @B' @ 'A' F2EA2F2A' 23N24 ' ' 32FH 42' B' @2' 3 ' 2!' @2' KF '' UK '' B44KN 2A' @2' 3 2' B ' @2' KF '' B3 '' E' @2' 2 'F G' N 'F ' B ' @2' F2 1E' B ' K1K3 K3!' B32' LG' @2' B A' KF '' I '3' @2' : 76 # 7' ! 7' LK ' LG' ' B' @2' 2E3BF ' I @ 4@' I '3' O2 I 32' LKFE ' AB I E' '' @2' KE2F' ' B ' BA K3!' 2 'F' @ 3' @2' L '32' B ' @2' FB3 F' ' 4B KCE ' # 7' & 8 # 7 ' @ '3' L22E' BKEA!' 2GBEA' @ 3 ' BE' @2' 2 ' 'F2' @2' F2C ' E3' B ' @2' 9# ' ' 0 86' 7 $' E7860 7 ' 2F24 2A' LG' @2' ' 2FG' B ' @2' 32E ' 2' B' @2' C2CBFG' B ' @2' 42E BK3' CNF233' 'K3 E ' ' @2' ' @ 233' I 2' B ' E BE EK3' (K3 ' I@BC ' @2G' 2 2H ' 2A' B' @2' F 'EO' B ' '' 1BAA233!' 2F' @K3L 'EA ' AG E1' L2 BF2' 3' 4BCN 2 BE ' I '3' '33B4 ' 2A' E' @2F' @BEBKF3 ' 'EA' @2' E34F N BE ' I @ 4@' 3 ' F2C ' E3' BE' @2' NBF 4B ' 3' ?') HB' ! $ ' "!' &$ "' $ D! 5!' 3! 4!J' @2' FBE ' B ' @2' 2CN 2' 3' 'ABFE2A' I @' 2 1@ ' 4B KCE3' B ' 4 NB EB ' BF G" @F22' 22 ' @ 1@ ' 3KNT NBF E1' '' F 2P2' BFE 'C2E 2A' I @' 1F E3' 'EA' 4 'EA2 'LF '!' @2' 2 24 ' B ' @232' F2C ' E3' I BK A' L2' C '1E 42E ' ' @2' CBA2FE' FB 'A' I 2F2' F2CBH2 ' 'EA' @2' 2CN 2' I 2F2' ' A' L 'F2' E' 3' K ' @2 1@ ' I @' @2' I 2E G"BE2' 3 2N3' I @ 4@' BFC2F G

/) / / /) 4) / 7-

2A B ! 3 ' 3B 1F2' G E KF2A LG 2 @ A2BK3 4@KF4@ B ! BF2EPB E F'EA' I @ 4@ 2E4 B323 @2 42 ' B @2 2CN 2 'EA I @B32 E'C2 3'G3 CN2F2 E' H2 G 2MNF23323 @2 'AC F' BE E I @ 4@ 3 LK A2F3 @2 A @232 F2C ' E3!

CB3 BNNB3 2 @ 3 E2'F @2 2CN 2 B '3 BF 'EA 'AE1 @2 'N B 3 BBA BE ' B G L'32 @2 3C ' 9# 8# 86 67 A23) H UK 3KFFBKEA2A I @ ' 4B BEE'A2 B 4 B32 G N '42A 4B KCE3 'EA 3KFCBKE 2A LG ' 3 ' K2 B @2 A2 2A F KCH F! @ 3 I '3 @2 F3 2CN 2 E BC2 I @ 4@ I '3 A2A 4' 2A B ' CBF ' !

?' F' F LK3' '33 C 3 ' SKA3' NFBM C '' 2C N '' 2E2E 23'
) HK3' 'L'2M42 3''UK K3' 32A2' H A2 !'J
8 5) $#. / " ! 9!

H' 'E4' 'K C 'E' E 2F2'' "" / 'A2' 4B NBF'' F'N 'F''
'4 KL' .' ' '32CN2F 'N B ''EB3 F'' BFKC SK2'
) HK3' 'L' 2M42 3''NFB3N24 2 'UK K3' 2A2!J
!# 3 'MH!' , :<!

BE '33 K3 E'FF' 23 @' @ 3 2CN 2 I '3 2F24 2A BE @2 3NB I @2F2 @2 LBAG B UK K3 I '3 LK ! I '3 'ABFE2A LG K1K3 K3 I @ @2 L2'O3 B @2 H2332 3 'O2E E @2 L' 2 B 4 KC 'EA @2E42 BL ' E2A @2 E'C2 B B3 F'' UK '! 2 ' 3B N '42A @2F2 @2 3 ' K2 B 2EK3 E'AGBC2E2 B N2 23 L24'K32 '23'F @'A 4 ' C2A A2342E FBC @' 1BAA233! 2F2 E & : @2 LBAG B K1K3 K3 L2 E1 LFBK1@ FBC B ' I @2F2 @2 A 2A I '3 N '42A KNBE '' L 2F I @ 2 L2F 3 NFBEBKE42A '' KE2F' BF' BE BH2F ' L2 BF2 ' I '3 4'FF 2A B @2 'CNK3 'F K3!=

E @2 2 ' I 2 EB I F2'4@ @2 4@KF4@ B ! B3CB 'EA) 'C 'E 4BE3 A2F2A LG LLG EA B @2F3 B B44KNG @2

CN2F2 CN! !NN[FKHK3 m!

3 2' B ' '' 2CN 2' B ' 2CK3!' CN2F2' @'3' 3 E42' NFBH2A' @' ' @ 3' 2CN 2' E2H2F' 2M 3 2A ' 'EA' @' ' @2' F2C ' E3' 'F2' @B32' B ' '' 9# ' ' 0@ ' ! 70 6 ' F2LK ' LG' K1K3 K3!' 2F2' ' 2F K3' (KL 4B '' @'A' '' @BK32 ' B' I @ 4@' @2' F2CBH2A' FBC' @2' 2 ' ' E' A2 2F2E42' B' @2' I 3@23' B ' @2' BC 'E' N2BN 2!

?' 2' 32E C2E ' A\2 FB ' SK2' '' A2C2KF2' 2BA ' 2' A23' ' 2F K3' 4 'K ' A ' ' N ' F2 2' ' 42 K ' SK\ E3N F ' 2E ' 'KM' BC ' E3' AK' C BG2E' ' 12' 23' BKF3' A23' L 'FBE3 ' SK2' 2' N2BN 2 ' A23' SK\ ' 2 ' ' 2' C ' F2 ' 32' @' ' ' A2' A2C B F!' ' 2F K3' E\' 2EA ' N ' 3' SK\BE' 32' NBF ' ' '' 42 2' 2M F2C 2 ' 2 ' 'H E '@ ' L 2F' 'K' N 2A' A2' '' 2 '!' \23 ' 2' NF2C 2F' F BC N@2' A23' N 2L2 2E3' 3KF' \' F 3 B4F ' 2' FBC ' E2' 2 ' '' NF2C 2F2' 4BE4233 BE' A2' 42 2' 'F 3 B4F ' 4!J % 3 ' !.' # ' 3 ' !' 9 - : !

' 2' KF @2F' BE' 'F2' @F22' 1 1 'E 4' 'F4@23 ' L2 E1' ' ' @ ' ' F2C ' E3' B ' @2' C '1E 42E ' : 76 # 7' ' 607 0 ' I @ 4@' I '3' 79< 22 ' E' 2E1 @' 'EA' 97\' 22 ' E' I A @!' @2' 2M 3 E1' FK E3' 'F2' @B32' B ' BE2' B ' @2' ' 3 23' B ' @2' L '3 4 '!' @2F2' 'F2' F '423' B ' 'E' 2E F 'E42' B I 'FA3' @2' B 32KC!' @2' FBB ' HF '3' 3KNNBF 2A' LG' 2 1@ ' BF E @ 'E' 4B KCE3 ' B ' I @ 4@ ' BE2 ' F2C ' E E1' @2F2' ' @2' C2' B ' ('K ' !' I '3' F2CBH2A' LG' @ C' B' @2' N 'PP'' B ' '!' 'F '' '11 BF2 ' I @2F2' ' 3 ' 3 'EA3!' @ 3' 3 2' I '3' NF2H BK3 G' B44KN 2A' LG' @2' 9# ' '! 7 ' LKFE ' AB I E' E' @2' C2' B ' BC EBAK3!' @ 3' 2CN 2' I '3' @2' 1F2 ' ' CK32KC' B ' BC2' KEA2F' @2' 2CN F2 ' 'EA' 4BE ' E2A' @2' 32H2E"LF 'E4@2A' 4 'EA 23 4O'' 'EA' B @2F' F2 '3KF23' LFBK1@ ' BC' U2FK3 ' 2C ' '3' I 2 ' '3' ' ' @2' I BFO3' B ' 'F ' I @ 4@' @ 'A' L22E' 4B 24 2A' E' @2' N ' '42' B ' 2FB' 'EA' I @ 4@' I 2F2' F2CBH2A' @ @2F' LG' 23N '3 'E!' ' 3 ' K2' B ' @2' 2 ' I @' 4@ AF2E' N 'G E1' FBKEA' ' 3' C2E BE2A' LG' (EG' '3' 'CBE1' @2' 3 1@ 3' E' @2' 2CN 2' B ' (2 '42!

' UB32N@K3' H ! 7-! ' (EG' MMMH ! -!

' I '3 E2 'F @ 3 @ ' ' @2 ' ' '4F ' ' I '3 4FB332A' LG' @2'
@' 'E7 I 86 ' 2F24 2A' ' + , ' $ ' E' @BEBKF' B ' @2' 4BESK2FBF'
B ' @2' BLFB123 % @2' @2E' E@ 'L 'E 3' B ' 'HBG!' B32'
B' @ 3' NBF BE' B ' @2' ' ' '4F ' ' 3B' 3 BBA' ' ' 3 ' K2' B '
' 2F ' ' A 'K1@ 2F' B ' (KL 4B ' !' LG' I @BC' @2' @BEBKF3' B '
@2' H F1 E' B2 ' ' I 2F2' A 3NK 2A!
! 23 A23' @B32' I @ 4@' I 2' @ 'H2' EB 42A ' @2F2' 3' C2E BE'
E' 4 '33 4 ' ' 'K @BF3' B ' C 'EG' B @2F' LK A E13' 'EA' 3 ' K23'
I @ 4@' I 2F2' BE42' 4FB I A2A' E B' @ 3' E 'FFB I ' 3N '42' ' LK ' ' '
F '42' B ' C 'EG' 2H2E' B ' @B32' 2EKC 2F ' 2A' 3' 3 ' LKF 2A'
C 'EG' 22 ' L2 B I ' @2' 3B !
@2' CBA2C' E' C2' B ' 7 9 U) 7 ' LG' I @ 4@' @2' BF ' C'
3' EB I ' 0EB I E ' 3' 3KNNB32A' LG' 3BC2' 'E SK 'F 23' B' L2' A2F H2A'
FBC' FKH K3' '44 ' ' I @B' BE42' @ 'A' ' ' @BK32' @2F2!

?' ' ' 1K2FF2' 'KM' @ ' L 'E 3' A2' (F H2FEKC' (N2C B ' F' '4@2' ' ' KE2'
B4' 2' AK' (' ' E!' ! ! ! 23' @ ' L 'E 3' A2' BEA ' ' H ' 2E ' ' '4 'K32
4BC CKE2' ' H24' 23' @ ' L 'E 3' A2' (F H2FEKC !' 2KF' 4@2 ' FKH K3' '44 ' '
NB332A ' ' KE2' C ' 3BE' 3KF' 2' (' ' E' ▯ 4▯2 ' ' KE' @BC C 2' 4BE3 A2F ' L 2'
A ' E3' 3BE' N ' G3' 2 ' C 2C 2' O' BC 2!' 3' A2C ' EA2F2E ' 2 ' A EF2E ' 1F ' 42!'
(F H2FEKC ' K ' NF 3 ' 2 ' FKH K3' '44 ' ' SK ' 3▯G' 2 ' ' F2 K1 2 ' 4BEAK ' ' '
BC 2 ' 2E 2FC 2' A ' E3' 2' NF 3BE' 'C 2F E2' NBKF' G' 2 F2' 1 ' FA 2' K3SK▯ ' K'
F2 BKF' AK' 4BE3K ' 2 ' ' BF3' L' K' A2' H2F123' 2 ' C 3' ' ' C BF ▯' 3 ' ' C ' 3BE' AK'
(' ' E' K ' F ' 322 ' 2 ' 2' 2K' BK' 2 2' ' H ' ' 2 2' 1 ' FA ' ' 2' EBC ' A2' ! ' 5!'
95-- % 3 ' ! !.' # !' 3 $!.' $:' -!

K ' @2' E ' C2' I ' 322C' 3 E1K 'F G' 'NNFBNF ' 2' B' @B32'
I @B' 'F2' 'C 'F' I @' @2' 1FBKN3 ' B ' C220" '42A' BM2E' B '
@2' 'CN '1E ' ' I @ 4@' 'F2' ' I 'G3' B' L2' 322E' AE1' E' @2'
3@ 'A2' KEA2F' @2' F223' B ' @2' BFKC ' BF' AF E0 E1' ' ' 3'
I ' 2F" FBK1@3!

?' / BC 'EBSK2' BFB' 2 ' ' 3' C K1 F2' 'F E 3!▯
? B' H2F3' C▯ ' ' BK BKF3 NFB BEA2C 2E ' F ' NN2 ' BF3SK2' 2' F ' H2F3 ' 3' 2'
BFKC ' ' K BKFA▯@K ' 'CNB" '44 EB' 2' 4@ ' CN' AK' L2 ' ' ▯' 2 ' HBG ' 3' C

;B 9 7 ' ' /

2 2 ' NF23SK2' BK BKF3' '' 3BE' 2M F2C 2' A23' L42K 3' 4BK4@23' 'K' N 2A' AK' (' ' E!' F1 2 '32' F2NBF 'E ' A2' '' BC 2' A2' 3BE' 2CN3' '' '' BC 2' 'E4 2EE2' A◊ H 'EAF2 ' E2' FBKH' 'N '3' A◊ C '12' N K3' F'NN 'E 2' AK' 4@ 'E12"' C 2E 'NFBAK 'N 'F' 23' 3 24 23 ' SK2' ''NF232E42' A◊KE' FBKN2 'K' A2' LB2K 3' A 'E3' 2' 2K' A23 E2' '' 2 F2' 2' BFKC !' @' L 2E ' 2' BKF' A2H ' 'H2E F' B '42' SK ' 2 ' ' NBKF' F1 2' KE' N '332' B E ' E' 2 ' NF23SK2' E4FBG 'L 2' 32' F2NFB"' AK F' 'A 'E3' '' 3K 2' A23' '123' ◊' 2' BFKC' A2H ' '2 F2' A2' EBKH2 'K' KE' 2K' '1F23 2 ' 323' C '1E 42E423' 3◊2E' ' 2F' 2 ' 23' LB2K 3' G' F2H2E F!

?'U◊' C ' 3' '' 23' 4BE 2CN 2F' '' F'H2F3' SK2 SK23' 4B BEE23' CB E3' H 2 23' SK2' 23' 3BKH2E F3' SK◊ 3' C 2' F2 F'4' 2E ' F2NF2E' E 'NB33233 BE' A2' 42' 3B ' A◊B@' 23' 'H' '4@'3323' '' L2F G' ''1 B F2 ' 42FBE ' & 'F ' 2 'B 'A2H' ' 23' F' C 2E2F' '' N K3' 1F' EA2' H 4 33 KA2' A2' ◊@ 3 B F2 ' '' A23 FK4 BE' A2' ◊2CN F2' F2C ' E' N' F' 23' L 'FL' F23!' 2' SK2' F1 2' FBKH' '3 ' 2 F' E12' A' E3' 2' N ' 332' E◊2 BEE2' N K3' A 'E3' 2' NF& 2E ◊' 23' LB2K 3' CK1 332E ' 'K' BFKC' ◊' 3' 3◊G' 4BK4@2E ' 2 ' G' FK1 E2E ' 'K BKFA◊@K ' A2' C2C2' SK◊' K' 2CN3' A◊ H' EAF2' 2 ' 4BC C2' 3◊ ' E◊2 ' ' F 2E' 'FF HAJ% 3'%!.' #' 3' !' 9 !

?' E"C 'EG' ''@2 'N' @2' 1 ŧBKEA'
2'H23 ' '3' ' K E' E' '' F'E 4' CBBA'
'A' ABE2' @ 3' K CB3 ' 2F2' 'EA' @2F2' 'NN2 'F3
3' 2 ' B' 3@B I ' @ 3' @ ' EAG" I BFO' EB ' BKF3!
E' A 2' 4B KCE ' ''@ ' 'LKF 2A' 'F4@
' I ' 'B '3BC 2' 1F2 ' ' 2CN 2!' ' I '3' BE42'
EA' BE1 ' @2' 42E F2' B ' @2 F' $E H2F32
' @2' BFKC % I @2E42' '' C 'EA ' 2 ' 2 '1 2"I E12A!
2E ' B' @2' 2EA3' B ' @2' 2 'F @!' 2 ' K3' A2342EA'
B I G ' ' 2H2FG' 3 2N' CK4@' C 'G' L2' B3 !
@2' H2FG' AK3 ' I 2' F2 'A ' 3 F3' '3' I @' 2'
EA' EB ' ''LF2 ' @' LK ' FBC ' @2' 1FBKEA' 32EA3' KN'
BC 2 @ E1' B '@KC 'E' 1F' EA2KF!

B I ' ' ' 3' 4@ 'E12A' ◊' 'EA' @2F2 ' '3' E' @2' I A!
@2' A 'G' 3' 3 2E '+AF2' FG' '3' @2' E 1@ D
BE2' 3 FF E1 ' 3 'H2' @2' @2FA3C 'E' 'EA' @ 3' @2FA!
'H '12' ' O2' ◊' BF' @2G' @' ' I BK A' 2MN BF2
) 34K33' 'EA' 2 'FE2A G' ◊' BF' @2G' @' ' 4BC 2
EA' @2F2' 'F2' C 'EG' I @B' @ 'H2' 4FB332A' @2' 2 'F @ !
@' ' @2G' C 'G' 1 H2' @2' @BKF3' B' C 2A ' BE!
EA' I 'EA2F ' B 2E' 3 'G E1' B' @2C 32 H23
' @ 3' I '3' @2' BC 'E' BFKC' X◊

&! 7 # "

)

?' 2'A2342EA2A' E B' @2' BFKC ' @2' 1@ ' '3 ' 'A E1' ' I 'G' 'EA' @FB I T E1' ' 'O EAF2A' 3BL2FE233' BH2F' @2' 342E2' B 'FK E!' @2' 3B '@ '3' F 32E' FBC ' FKLL 3@' ' ' 2'3 ' 22E' 22 ' 3B' @' 'EB' I BEA2F' @' ' @2' @ 3' BBO' B I 2F' @'E' @2G' K32A' B' AB ' @ 'H E1' L22E' E2H2F' H2FG' 4BE3 A2F' L 2' ' ' @2' F3 !' @2F2' ' I '3' BE2' 342E2' B ' A23B ' BE ' FBC ' @2' C '33G' BKEA ' BE' 3 BE23' B ' @2' 'N B E2' 2C N 2 ' I @ 4@' I 2F2' ' A' LG' 'FSK K K3' @2' (FBKA ' B' ' ' 3 E1 2' N 'F' 2F24 2A' E' @BEBKF' B ' (@B4 '3 ' @2' 2'3 2FE' 2C N2FBF ' E' @2' @' 42E KFG!' @' ' @2' F'1C 2E 3' B ' N 'F3' L2 BE12A' B ' N2F@ 'N3' I 2' 4 'E 2H2F' OEB I 'ƀ LK ' @' ' ' @ EO' C ' 2F3' 2!' '4 'F2' EB ' I @2 @2F' ' I '3' ' 2CN 2' B 'UKN 2F' ' BF' BF' @2' '3 4' 'UK ' ' LK ' BE2' OEB I 3' @' ' BE2' 3' BE' @2' 1FBKEA' B ' @2' BFKC ' KEA2F' @2' 'N B ' @2' N '42' I @2F2' @2' F L23' '332CL 2A ' 'EA' @2' BF' BF3' 3NBO2' ƀ @2' 342E2 ' E' 3@BF ' B ' ' ' @2' E 2FE' ' 3 FK11 23' B ' @2' BC 'E' N2BN 2!J% $ "5ȣ ' 1 $ "

? @2G' N '332A' @2' 3B 'FG' 4B KC E' B ' (@B4 '3 ' 'EA' BBO2A' AB I E' E B' @2' 2M4 'H ' 2A' 3N '42 ' I @2F2' ' ' 4BE K3 BE' B ' N 'F3 ' 'F4@23 ' N ' H2C 2E 3 ' 'EA' 3@' 2F2A' L B4O3' 'EA' 3@' 3% @2' 4FK C L3' B 'H ' F BK3' FK E3' AFBN ' FBC ' @2' A2HBKF E1' C ' I ' B ' C 2% 3 'EA ' BF' 2 ' ' ' @2' L '32' B ' @2' 'N B E2' !' @' ' F2EB I E2A' @ B4O' BF' ' 3' 2' C BF2 ' EB I ' FB32' 'LFKN G' 'LBH2' @2C!' @2' NBEA2FBK3' C '3BEFG ' I @' I @ 4@' @2' @ 3 A2' 3' LK ' KN ' 3' '3' B A' '3' BC 2' 32 ' 'EA' BBO3' O2 G' B' 2EAKF2' I @ 2' @2' I BF A' F2 ' E3' 'EG' 3KL3 'E42' BF' N2FC 'E2E42!' 'BE42' 3K3 ' E2A' @2' 'N B ' 'EA' EB I ' L2 'F3' KN' @2' 1F2 ' ' N 2' I ŧ@ 4@' @2' C 2A 32H ' ' LK A2F3' F' 32A' BE' @2' 'E SK2' BKEA' BE ' 'EA' @ ' ' 3 ' B 2F' B I 2F ' I @ 4@' BBO3' ' LFB ' A' KNBE' ' ' F12F' N ' 12' B ' A22N2F' @ 3 BF 4' E 2F23 ' @ 'E' 'EG' B @2F' 34 2' 4 'E' 3@B I !' E' @2' 3 ' C 2' N2A23 ' ' B ' BC 'E' C '3BEFG ' B @2F' 3 FK4 KF23' I ' ABKL T 233' 'F 32 ' 'EA' H 'E 3@' O2' N@2C 2F' ' @ E13!

? B' ' ' 3N24 ' BF' BE' @2' 3NB ' ' 3' F2C 'FO' L 2' @' ' @2' 2H2E 3' B ' BC 'E' @ 3 BFG ' 'EA' B ' BC 'E' 2' 32 ' 'NN2' F' EB ' 3B' A 3 'E ' '3' @2' *B @ 4' '123' I @ 4@' 3K4422A2A' @2C!' 2' 3 'EA' E' @2' BFKC ' BF' BE' @2' @2 1@ ' B ' @2' 'N B ' 'EA' 322C' B' 322' @2' BC 'E' 2NB4@' 4 B32' ' '@ 'EA!' 2' BF12 ' @' ' ' 4@ '3C' 2M 2EA3' L2 I 22E' ' 'EA' BKF32 H23 ' E' I @ 4@' 2' ' @B32' A 'FO ' FKA2 ' KE 2 2F2A' 42E KF 23 ' 'FBKEA ' @2' L F @ C 2' B ' @F 3 T 'E G' '3' Iŧ2 ' '3' @2' '12' B '4@ H ' FG' 'EA' FBC 'E42' @2' 2KA ' '3G3 2C ' EA' @2' E 'E4G' B ' ' L2 2F' 4 H P' BE' @' E' @' ' B ' BC 2!' F' ' I 2' F2T C 2CL2F' @232' C 2A '2H' ' C 23' @2G' BBO' KF @2F' B ' @' E' @2' K1K3 'E' '12!' @2' F2' 3BE' C 'G' L2 ' @' ' @2' B A' BC 'E' 2F' KF2' 3KFH H23 ' 'EA' 4F2' 23' BF' K3' 'E' E C '4G' I @' @2' 4 '33 4' '123 ' I @ 4@' I 2' @ 'H2' EB' C 2 'E3' B ' BFC E1' I @' @2' 3KL32SK2E ' BE23!' =

? @2' ' 'E'4 C ' 2 ' C hF2BH2F ' FBL3' '12' B ' 3' F2H2F2E42 ' 'EA' C 'O23' ' BBO' E2 'F2F' @' E' ' 3!' B ' @2' B 32KC ' EBF' @2' BCL3' B ' @2'

f ! ' ŧ

NN 'E' 'G 'EBF' @2' B A23 'N 'F' E' @2' BFKC ' EBF' 'EG' B @2F' BC 'E' FK E 'L2' ''3' A 'N A' 2A' '3' 'C 'G '2H2F' 1 H2' @2' CNF233 BE' B 'H2E2F' L 2' 'E SK G' I @ 4@' I 2' 1' @2F ' ' BE1' I @' @2' HG ' FBC' @2' 1F2G' I ' 3' B ''E' E1 3@' 'LL2G' BF' 4'3 2!' EA' G2 ' 2H2FG' LF 4O' 'EA' 3 BE2 ' I @ 4@' I 2' N 4O' KN' ' CBE1' @2' BFC 2F ' @ 'A' ' 2E' '123' L2 BF2' @2' BKEA ' BE' B ' @2' ' 2F' I '3' L21KE!J'% +#% $!

H' ' BC 2 ' HBK3' C ' F4@23' 3KF' 23' N 2FF23' SK ' BE ' 2 2' 23' A 2KM' A2' 23 ' F' 2 ' A2' (BC N22' ◊' HBK3' 4BE3 A2F2P' ' ' C E2' A2' 423' 1F ' EA3' BKHF 23 ' ABE ' ' ' H 2 2332' 23 ' 2E4BF2' L2 2 ' 2 ' HBK3' HBK3' NFBC 2E2F2P' BK3' 23' BKF3' N ' FC ' 23' @ 3 B F23' 2 ' 23' 'L 23!' ! ! ! ' ' E◊G' ' ' SK2' BC 2' B ' ' ' H 2' 3B ' ' 1 2 ' L 2 ' BK' 2' 4BFN3' FBKH2' 323' N ' 3 F3' 2 ' ◊23NF ' 23' 3 2E3 ' B ' ◊BE' 23 ' ' ' ' 3BKF42' A23' L2 23' 4@B323!' BC 2' 23 ' 4 ' K32' SK2' HBK3' E◊2 23' N K3' L ' FL ' F23 ' 2 2' HBK3' ' ' ' NNF 3' ' ' 4 H 2' 2 ' ' ' F2 1 BE!' ! ! ! ' ' 23 ' 42F ' E' SK2' 2' E2' C BE 2' 'C ' 3' n'K (' ' E2' E ' ' K' 'N B 2' SK2' 2' E◊G' 4@ ' E12' A◊23NF ' 2 ' SK◊ ' E2' C 2' H 2EE2' A◊' K F23' N2E3223' SK2' 23' C 2EE23' BFA E ' F23!' 2 ' ' F' C◊E3N F2' SK2 SK2' 4@B32' A2' 1F ' EA' 2 ' A2' 12E2F2KM' SK2' 2' E◊' H ' 3' NB E ' ' KN ' F ' H ' E ◊' 3 ' 2' F2H2' A2KM' @2KF23' 'K' LBFA' AK' LF2 ! 2 ' 3K 3' ' K33 ' 3 ' H ' E ' SK2' 3 ' ◊' H ' 3' 2 KA 2 ' @K ' BKF3!J% "2 -

2 BF2' 2 ' H E1' @2' BFKC' I 2' CK3 ' KFE' FBC' 3' 4 ' 33 4 ' ' B' 3' C2A ' 2H ' ' F2C ' E3 ' ' EA' 2M ' C E2' @2' H2FG' E 2F23 E1' 1FBKN' B ' 4 F4@23' I @ 4@' @ ' H2' 3NFKE1' KN' ' C A' 3' FK E3!

CB3 ' BNNB3 2' @2' ' C2F E2' (F 3BE3 ' 3KFCBKE 2A' LG' ' ' @ ' EA3BC2' ABC2 ' 3' @2' @8 @' '' 07 ' 7 0 7 ' I @ 4@' 4BE ' E3' @2' BF 1 E ' ' CBA2 ' L2SK2 ' @2A' LG' @2' 34K N BF' @BF I ' A32E ' B ' @ 3' BN2E@ ' 12E' 3 ' K2' B ' @F 3 ' E' @2' ' 4 ' B ' L2E2A 4 BE!' @2' 3KL 2FF ' E2 ' E' 4@KF4@' L2E2 ' @' @ 3' LK A E1' 3' I 2 ' I BF @' H 3 E1!' E' ' E 2"4@ ' N2 ' ' ABFE2A' I @' 3 ' K23' B ' BF .' F1 E' C ' F GF3' 2 ' A3' B' ' ' L2 ' K K ' 4@ ' N2 ' 2F24 2A' ' ' @2' 4B3 ' ' EA' FBC' @2' A23 1E3' B ' (2 FB' A' ' BF BE ' !' E' 3' 42E F2 ' ' CN3' ' F2' ' I ' G3' LKFE E1' FBKEA' @2' C ' 1E 42E ' LFBEP2' ' ' F' I @ 4@' 4BH2F3' @2' 3@F E2' B ' ' !' ' F E ' ' ' EA' L2E2 ' @' ' BK' 4 ' E' A 34BH2F' @2' C ' F GF◊3' BCL' LG' @2' 1@ ' B ' ' ' BF4@' I @ 4@' ' ' CB O' 2 3' AB I E' @FBK1@' ' ' @B 2!' ' 3 A2' 4@ ' N2 ' 4BE ' E3' @2' 1F ' H2' E' I @ 4@' @2' LBAG

B ' @2' 3' E ' I '3' BKEA' E' ;7:!' E' @2' F LKE2' 3' 'E 'E4 2E ' @FBE2!

? ' @2' BB 'B ' @2' 'N B E2' @ ' BE' @2' 2 ' @'EA' '3' I 2' A2342EA' FBC' @2' F'' B3 ' E B' @2' BFKC ' @2F2' 3 BBA' E' H2FG' 'E4 2E ' C23' '' 3C ' ' 4@'N2 ' A2A 4' 2A' B' '!' 'F E' ' '' BC 'E' H F1 E ' I@B' I '3' C 'F GF2A' E' @2' N2F324K BE' KEA2F' 2M 'EA2F' 2H2FK3!' @2' H2E2F' BE' N ' A' B' @2F' I '3' B 'H2FG' 2 'F G' A ' 2 ' 'EA' @2' BC 'E' N2BN 2' I 2F2' '44K3T BC2A' B' '332CL 2' @2F2' BE' @2' F3 ' A 'G' B ' @2' G2 'F!' @ 3' BL32FH 'E42' I '3 '@B I 2H2F ' 4BE E2A' B' @2' N2BN 2 ' 'EA' EB ' H2FG' 12E2F' ' ' ;7:'D' 'E' 2F'' I @ 4@' 4BEE24 3' @2F' E' F ' @2F' 'E' E 2F23 E1' C 'EE2F' I @' @2' @ 3 BFG' B ' 'F !' E' @ 3' G2 'F ' '3' @2G' I 2F2' ' LBK ' B' F2N ' F' @2F' 4@' N2 ' @2G' A 34BH2F2A ' I ' 2A' E B' @2' BKEA' BE3 ' '' 3 'F4BN@ ' 1K3' B ' 2FF' '"4B ' ' E' I @ 4@' I '3' @2' LBAG' B ' '{GBKE1' 2C ' 2 ' I @B32' 32H2F2A' @2 'A' F2NB32A' E' '' 32N 'F ' 2' 4 '3O2 !' @232' F2C ' E3' I 2F2' H2FG' E ' KF ' G' 3KNNB32A' B' L2' @B32' B ' @2' 3' E ' I @B' @ ' A' L22E' 3B' BE1' H2E2F ' 2A' BE' @ ' ' 3NB !' @2' A 34BH2FG' I '3' @ ' 2A' I @' @2' K CB3 ' 2MK ' BE ' EB ' LG' @2' N2BN 2' BE G ' LK ' LG' @B32' I @B' 2A' @2' C EA3' 'EA' 4BE34 2E423' B ' @2' N2BN 2!' @2' NBN2' @ C32 !' $FL 'E' ! ' 4BC NB32A' @GC E3' E' @2F' NF' 32' D' 'EA' 'FA E ' ' F 'E4234B' 'FL2F E ' KEA2F BBO' B' F2LK A' @2F' 4@KF4@!' C BE13 ' @B32' I @B' 3@ 'F2A' @2' 12E2F ' '2E @K3 '3C' I '3' @2' N ' E 2F ' (2 FB' A '' BF BE ' ' I @B' I '3' ' ' BC 2' ' ' @2' C 2 ' I @B' H2FG' 2 'FE23 G' A2A 4' 2A' @ C32 ' ' EA' @ 3' NB I 2F3' B' @2' 1 BF 4' BE' B ' '!' 'F E' !' 2F' 4@KF4@' @ ' A' ' F2 'AG' L22E' 1 H2E' B' @2' 4' A2C G' B ' (' E 2F3 ' ' 'EA' 4BE324F ' 2A' B' !' KO2 ' @2 F' N ' FBE' 3' E !' ' 3' EB I ' / 'E' K4 '' 'EA' 'E '' 'F E' !{' (2 FB' BF BE '' 2F24 2A ' ' '@ 3' B I E' 4B3 ' @2' 4@' N2 ' B ' '!' 'F E ' ' 'EA' I @2E' @2' A 2A ' 2EAB I 2A' ' I '@ 3' I @B 2' BF KE2!' 2' N' E 2A' BF' @2' ' 'FN 242' @ 3' L23 ' N 4 KF2 ' E' I @ 4@' @2' 3' E ' 3' F2NF232E 2A' '3' F KC N@ E1' BH2F' @2' AB 3 ' I @ 2' @2' 2C N 2' E' I @ 4@' 3@2' @ '3' L22E' 2A' B' 3 '4F 42 ' 3' 3 FK4O' LG' 1@ E E1' FBC' @2' H2E ' 'EA' ' 3' E' FK E3' 'FBKEA' @2F!' E' '' HB H2' N 4 KF2' B ' '!' 'F E ''OE22 E1' ' ' @2' 22 ' B ' @2' F1 E' 'EA' @ A ' 3@2' 3' F2NF232E 2A' '3' H2FG' GBKE1' 'EA' BH2 G' D' 2' F' @2F ' '' @BFF A' E3 FK C 2E ' B ' BF KF2 ' '' I B"NFBE12A' BFO' I @' L' FL2A' 2M F2C 23 ' 'EA' @2' 4 BF{3' 'M2 ' 3 1E G E1' @2' C 'EE2F' B ' @2F' A2' @!J% 4 3! $7' - !5' $5 !&!$5 ' #

@2' 2'3 ' B ' @2' 3' E ' 3' BL32FH2A' @2F2' BE' U 'E!' 7<' I @' E K4@' 3B 2CE G!' @ E ' E' ' ' @2' BC 'E' 4@KF4@23' 3' 3KE1' @2' GCE' B ' '!' 'F E '%

H 'F E3 '42 2LF 'N 'KA 2' EBC E
* H23' BCK 2 'N 'KA 2'1 BF 20
E3 1E2C 'C 2E 3' A 4 2' H F1 E2C
@F 3 'A 4 2' C 'F GF2C!

'24' AKC' 4BE3N 4K 3' BF ''N 'F2E LK3'
E 2F' A2 4 '3 ' E 2F' 'C 'L 23'
KMK3' 242LF '3 ' A LK3' ' K '
'K3 2' C KE2F LK3' ABCK3!

42' A23N 4 2E3' 4BC C BA' ' A2A 4' '
2' F2F 'C ') BC EB ' 2 ' CKE 4'' C 'EK'
@F 3 'N 'KN2F LK3' A 3 F LK2E3' BN23'
> K 2F 'NF 2C ''4B2 KF'!

'EBL 3' 'L 1 '3' KLF 4''1 'KA ''
K ' SK ' C 'F GF LK3' A2M 2F' 'A23
) 2K3
$ E2' 2 ' F E2' 0 K 3' A'' 'CK 3' KL 'F!
> KB' 4 2C 2E3' 'E CB3' L2 '3!' C 2E!J

@2F2' 3' EB @ E1' 23N24 ' ' B' EB 42' E' ' $ 7 ' I @ 4@'
3' LK ' E' @2' FK E3' B ' @2' L '3 4''' B ' C K3' ('K K3 ' BF' E'
4 ' ' 7 $7 ' I @ 4@' B44KN 23' @2' 2CN 2' B ' E BT
E EK3' 'EA' 'K3 E' ' LK ' 07 ' 7 7' I 70 ' LK ' BE'
@2' 3 2' B ' @2' @BK32' B ' KC '' 'EA' @2' 4BEH2E ' B ' 2'
23 ' 3 ' 4BC C2CBF' 23' LG' 3' E' C2' '' 4KF BK3' 212EA' B ' @2'
BKF @' 42E KFG!' E' @ 3' 3 2' ' 3' 3' A ' A I 2 ' E' ''4 'H2 ' ''
2FF L 2' AF '1BE' I @B' @ ' A' 3 ' E' @F22' @KEAF2A' N2F3BE3' I @'
@2' NB 3BE' B ' @ 3' LF2' @!' E B' @ 3' 4 'H2 ' E3 FK4 2A' @2F2 B'
LG' ' (2 2F ' 'EA' 2E 3 E1' @ C32 ' B' @2' 4 'F2' B ' @2'
F1 E ' A2342EA2A' ' H23 2F' @2' (BN2 ' ' 2EA2A' LG' I B'
'4B G 23' L2 'F E1' BF4@23 ' 'EA' @2F2 ' @ 'H E1' NFBEBKE42A' @2'
E' C2' B ' @F 3 ' @2' I '3' C F '4K BK3 G' 2E 'L 2A' B' L EA' @2'
AF '1BE ' 'EA' B' 3@K ' @ C' ' @2' A 'G' B ' UKA1C2E ' K '
I @2E' @2' '342EA2A' E' 3 ' 2 G ' @2' BKE ' ' ' @2' CBK @' B ' @2'
4 'H2' IB' C '1 4 'E3' I @B' @ 'A' B B I 2A' @ C' E' @2' @BN2' B

') ' ' ' ' ;

A 34BH2F E1' 3BC2' CNB3 KF2 ' AG E1' FBC' @2' NB 3BE' B ' @2' AF'1BE(3 LF2' @ % 'EA' @232' ' 3B' @2' 3'H2A' ' H2!

2' EB I' F2'4@' @2' 4 F4K 'F' LK A E1' I@ 4@' @'3' L22E' 3B' BE1' OEB I E' '3' @2' 2CN 2' B ' 2CK3!' B' @2' F 1@ ' B ' @2' 2E F'E42' 'F2' IB' N 'F3' B ' 4 NB EB ' ' CB3 ' LKF 2A' E' @2' 3B !' @2' NBFN@GFG' N 'F3' ' ' @2' 2E F'E42 ' 3KNNBF E1' '' F 4 G 34K N KF2A' 4BFE 42 ' I2F2' NFBL'L G' 32 ' KN' E' @2 F' NF232E ' NB3 BE' I@2E' @2' 2CN 2' I '3' KFE2A' E B' '' 4@KF4@!' @2' LFBEP2' ABBF3' I 2F2' LFBK1@ ' FBC' (2FK1 '!' ' '3' 3' EB I' 3KNNB32A ' @2' 2CN 2' BE' @ 3' 3 2' I '3' @' ' B ' @2' (2E' 23 ' @2' NFB 24 BF3' '1' E3 ' ' ' O EA3' B ' E233' 'EA' C 3 BF KE2 ' @2' CBA2FE' A2A 4' BE' B' @2' NFB 24 E1' N@G3 4 'E3' B3CB' 'EA') 'C 'E' C 'G' @'H2' @'A' 3BC2' F2 2F2E42' B' @' ' I@ 4@' I 2E ' L2 BF2!

@2' @KF4@' B ' ' 6 ' 7 $' &7 7 ' I '3' BKEA2A' I @ E' @2' 'E4 2E ' 2CN 2' LG' (BN2' 2 M' !' E' \9- ' 'EA' F23 BF2A' LG' AF 'E' ' E' -,<!' E' ;77' @2' I@B 2' LK A E1' I '3' CBA2FE P2A' LG' $FL 'E' ! ' I@B ' E' BFA2F' B' F' 32' ' B' @2' NF232E ' 2H2 (' B ' @2' 3B ' 4K ' @2' 'E4 2 ' 4@KF4@' E' @' ' LG' @2' H 'K E1' I@ 4@' EB I' A H A23' @2' KNN2F' ' A' B I 2F' 4@KF4@23!' B' H 3 ' @2' B I 2F' 4@KF4@' '' CBE0' CK3 ' L2' 3KCCBE2A ' I@B' I ' LF E1' '' BF4@!' @ 3' 3' I 2 ' IBF @' I@ 2!' ' 3' B ' 1F2' ' 3 P2 ' 'EA' 4BE ' E3' '' 4KF BK3' I 2 ' E B' I@ 4@' @F 3 'E' C 'F GF3' E' @2' C2' B ' 2FB' 'F2' 3' A' B' @'H2' L22E' NF24 N ' 2A!' @2' BCL' B ' @2' C 'F GF3' B3CB' 'EA') 'C 'E' 3' L2E2' @' 2' ' 'F ' I@ 4@' 3' BFC2A' B ' L2'K K ' F'E3N'F2E ' C 'FL 2!' $EA2F' '' 3 A2' ' 'F' 3' @2' 1F'H2' B ' 2 M' !' @2' @FA' 'EA' B I 23 ' 4@KF4@' @2' % 7# 4FGN ' I@ 4@' 3' H2FG' 3C ' ' 3' 3' A' B' @'H2' L22E' '' N '42' B ' F2 K12' AKF E1' @2' 2 F G' @F 3 'E' N2F324K BE3!' 2F2' 3' 3@B I E' @2' ' 'F ' ' I@ 4@' 2 M' !' 42 2LF' 2A' C '33

; ;

I @ 2 @ 3 4BEH2F 3 I 2F2 @ A E1 @2F2% @2 1F'H2 E I @ 4@ @2 LBAG B @2 NBN2 I '3 ' 2F I 'FA3 A 34BH2F2A% 'EA' C F'4KT BK3 3NF E1 3 B I E1 I @ 4@ 3 3' A B @'H2 LKF3 BF @ E''E3 I 2F B @ 3 NF'G2F3 @' @2 C 1@ @'H2 I @2F2 I @' B L'N 32 @ 3 A 34 N 23! N'33'12 I @ 4@ BFC2F G 2A FBC @2E42 B @2 ''4BC L3 B ! 2L'3 'E I '3 I ' 2A KN I 2E G G2'F3 '1B LG ≟ @2 N' 2FE'' 1BH2FEC 2E L24'G32 I 2E G N2F3BE3 I 2F2 B3 E ! E @ 3 4F ⅈN I 2F2 BKEA @2 'CBK3 ? ('E '' 'N B E' J EB I NF232FH 2A E @2 'N B ! E @2 KNN2F 4@KF4@ BE @2 F 1@ B @2 2E F'E42 FBC @2 4 F4K 'F H23 LK 2 E B @2 LBAG B @2 LK A E1 3 @ 3 E34F N BE%

? C '1 E2' A ' 'ABEE'' 'E 31 C '' 4@2' 23 3 2' ' F' C '11! N'F c' '' ! * F21BF B' ('N '' A 42EAB1 ' (2F4@2' N K' EBE' C '3' K ' C2E F2' N '3"' 3'EAB' 2F '3B B' 3' K 'FC 'R ' 3'E B' ABC 'EAA' N2FABE '' 2' 4BE42332' '' SK2 '4@2' 42 2LF'FB' E' SK2 ' 'F2' '' L2F'P BE2' A2 'E C '' A' ' NKF"' 1' BF B '4 B2' N2F' SK2 'E C '' N2F' '' SK' 2' 3 '42 2LF'' '' C233'!J'

EB @2F E34F N BE' E'FF' 23%

?' * F21BF K3G C K3' 4BE4233 ' BCE LK3' 2 ' 3 E1C 3' H 3 'E LK3' 244 2"' 3 'C' 3 'C' 3'E4 BFKC' B3C 32' 2 ') 'C 'E ' C 2' 'EEB3' A2' EAK 12E '' 2 ' E' A 2' 3 ' BE 3' 2 K3A2C' 244 23 '2' A2C' * F21BF K3' 4BE4233 ' A242FE' C '' 'EEBFKC' A2' EAK 12E '!J

CBE1' @2' C 'EG F2 43 NF232FH2A' E' @ 3 4@KF4@' 'F2 ?' $E '' 'CNK '' '4 3 2' '2 'F '3 F1 E 3 2'& ') BCB' 'E4 32 'F '3 '1A' 2E'2' J' ?') 2') BCB' 'E4 ' `'4@'F '2 NFB 2 '' X J'

) 232FH E1' B @2' CB3' C EK 2' ' 2E BE' 3 @2' 1F'EA' CB3' 4' B @F 3 % 4BC E1' BE' @2' 4 BKA3' B '3KE32 !

? @2' CB3' 43' B ' !' B3CB' 'EA') 'C 'E' % & ' \9 ; % \7< ' 'F2' @2' E23 'B ''E4 2E ' @F 3 'E' BC 2!' LBH2' @2' 'F4@' 'NN2 'F ' BE' 2 '4@' 3 A2' B ' @2' 'C L ' BKF' 'E12 3 ' B '2M42 2E ' LK '3BC 2 I @ ' ' 32H2F2' 3 G 2 @2E

' 22' (2F4G 3' BC 'E 3C!

')' ' ' '

B BI'H'F BK3' 'NB4' GN 4' 2CL 2C3'Ø '' CBA2FE' I ' E1' KN' @'H E1' 2 ' LK ' 2I' F'423' B ' @2' I2E G" BKF' 2 A2F3!' '1B A' 3KF '42 ' A CC2A' LG' '12 ' I @' 2' NKFN 2' 4 BKA3 ' BFC3' @2' L'4O1FBKEA'Ø @BK1@' E' BC2 ' ' 2'3 ' ' ' LB @' 'E' 2'F 2F' 'EA' ' 2F' A' 2 ' '' L K2' 1FBKEA' NF2H' 2A!' E' @2' 'N3 3' 32 ' KNBE' '' A'FO' L K2' 1FBKEA ' I @' 1B A2E"2A12A' 4 BKA3 ' 3' 322E' @2' 4B B33' ' 1KF2' B ' @F 3 Ø @2' F 1@ ' @'EA' F' 32A ' 2 @2F' E' L2E2A 4 BE' BF' 2'4@ E1 ' @2' 2 ' @B A E1' '' IF 2E' 34FB Ø 'LBH2' 3' @2' @'EA ' I@ 4@' 3' @2' 2CL 2C' B ' @2' F2 ' (2F3BE' B ' @2' F E G!' 2 B I ' BE' 1'4@' 3 A2 ' @2' 'NB3 23' (2 2F' 'EA' ('K ' 'F2' 2 'A E1' !' B3C B' 'EA')' C 'EB ' 2 '4@' I @' 4FB I E3' BE' @2 F' @2 'A3 ' BI 'FA3' @2' 'H BKF ' B T B I 2A' LG' !' @2BABF2' BE' @2' F 1@ ' 'EA' LG' (BN2' 2 M' !' @2' BKEA2F' B ' @2' 4@KF4@ ' BE' @2' 2 !' @ 3' ' 2F ' KE BF KE ' 2 G ' 3' 'E' 2E F2 G' F23 B 2A' 1KF2!' I B' N ' C" F223 ' 3N 'FO E1' I @' 1B A ' 'LBH2' BE2' B ' I @ 4@' 'NN2 'F3' @2' 2CL 2C' B '2 2FE G ' @2' N@B2E M% I @' '' 3 'F"3@' N2A' E CLK3 ' 4 B32' @2' 4BC NB3 BE' BE' 2 '4@' 3 A2!' KF @2F' L2 B I ' EA 4 ' 2A' LG' I ' 2F"N 'E 3 ' 3N 'FO E1' ' 3B' I @' 1B A ' 3' @2' F H2F' UBFA 'E!' @2' 1KF2' B ' @F 3 ' C 'G' L2' F21 'FA2A' '3' BE2' B ' @2' C B3 ' C 'FH2 BK3' 3N24 T C2E3' B ' @2' 'F 'B ' @2' C AA 2' '123!' BKE 2E' E42 ' ' KA2 ' ' EA' AF' N2FG' 4BCL E2' B' 1 H2' @ C' 2MNF233 BE' B ' SK 2 ' C ' 23 G ' I @ 4@ ' BF' C 'EG' 42ET KF 23' ' 2F ' 3' EB ' BKEA' '1' E' E' 2SK' ' L2 'K G' 'EA' F22ABC!' @2' AF' N2FG ' 23N24 ' G ' 3' A 3NB32A' E' EBL 2' B A3 ' 'EA' BE G' E' 3' 3BC2 I @' ' BB' BFE ' 2' A2 ' 3' 3' '' KF @2F' A2N 'F KF2' FBC' @2' 'E SK2' BL32FH' L 2!' @2' 3' E 3' 'F2' EB ' '3' G2 ' 'FF'E12A' E' 3 ' N 'F' 2 ' BFC 3 ' LK ' 'M"Z ' AT H 'E4 E1' BFI 'FA ' 3B' @' ' @2 F' 1KF23' 'NN2 'F' 3BC 2 I @' U 3 BF 2A ' I @ 2' I 2' ' F2 'AG' F2C 'FO' 3BC2 @ E1' 4BE3 F' E2A' 'EA' E'E C ' 2' E' @2 F' 3 2N!' @2' 'NB3 23' (2 2F' 'EA' ('K ' I 2 'F' @2' K3K' ' A2 ' ' 4B3 KC 2!' !' B3CB' 'EA')' C 'EB' 'F2' ' F2A' E' @2' ' 2' BC 'E' AF233' Ø H B 2 ' C 'E 23 ' E' 1B A' 3 K ' I @' F2A' 2CLFB A2F 23' B ' BF 2E ' ' L 'FL ' F 4' 2 24 !' @2F I 32' @2' 4@ 2 ' CB H23' B ' @2' AF' N2FG' ' ƒ2' B ' 1F2 ' 'L2 'K G ' @BK1@' 3BC 2 I @' ' BB' 'LKEA 'E ' E' B A3!' @2' @ 1@' 1@ 3' 'F2' LFBK1@ ' BK ' LG' 1B A' ' EA' B @2F' 3N 'FO E1' C ' 2F ' 3 ' NFBAK4 E1' '' 1BF12BK3' N ' G' B ' 4B BKF' I @ 4@' F2 2H23' @2' 1KF23' H 1BFBK3 G' FBC' @2' A ' FO' L K2' L '4O1FBKEA!' B12 @2F ' '' 22 E1' BF' 4B BKF' 3' @2F2' A 3N 'G2A ' B ' I @ 4@' EB' ' 2F' CB3 ' 43' I @' 1B A' 1FBKEA3' 1 H2' 'EG' A2 ' !' @2' @2 'A3 ' I @' @2' 2M42NT BE' B ' @2' NF E4 N' ' 1KF2 ' 'F2' 'E C ' 2A' 'EA' EA H AK ' ' @BK1@' I @BK ' 'EG' N 'F 4K 'F' A2N @' B ' 2MNF233 BE' Ø 3BC 2 I @' ' 2 A2F G ' ' 3B ' E' N@G3 BT 1EBCG ' LK ' 3 ' 'F' F2C BH2A' FBC' 'EG' GP 'E E2' 3 E233' Ø !' (2 2F' @' 3' ' F2 'AG' @2' L ' A' @2 'A ' 'EA' !' ('K ' @2' 3@BF ' LFB I E' @ ' F' 'EA' A 'FO' L2 'FA ' LG' I @ 4@' @2G' I 2F2 ' ' 2FI 'FA3' F24B1E P 'L 2!' $EA2F' @ 3' 4@ 2 ' 4BC NB3 BE ' BE' '' 1B A' 1FBKEA ' 3' 322E' @2' ' C L' KNBE' '' @ ' I @

@2' BKF'F H2F3'B ' ('F'A 32 ' 'EA' @2' I 2 H2' 3@22N' BE' 2 @2F' @'EA!' @2' 1F2' '4'F2'B '2M24K BE' 3'322E' E' @2' H2' BF'3 M'1F'A' BE3'B ' E 3' I @ 4@' @2' 'F 3 '@'3' 'ABN 2A!J% 1&"! .

!' B3CB' 'EA') 'C 'E ' B' I@BC' @ 3' 4@KF4@' 3' A2A T 4' 2A ' I 2F2' I B' F'L 'E' N@G3 4 'E3' I @B' 2!M2F4 32A' @2 F' 'F ' FBC' 4@'F G!' @2G' 3K 2F2A' KEA2F') B4 2 'E!' ?' F3 ' @2G' I 2F2' @FB I E' E B' @2' 32' ' LK ' 'E' 'E12 ' 3'H2A' @2 C D 'EA' @2E' E B' @2' F2 ' LK ' @2' F2' F2 K32A' B' LKFE' @2 C D @2E' @2G' I 2F2' LBKEA' B' 4FB3323' 'EA' 3 BE2A ' LK ' @2' 3 BE23' 2 @2F' 2 ' @'FC 233' BF' F2LBKEA2A' BE' @2 F' 2M24K BE2F3' 'EA' 0 2A' @2C ' 3B' @2E' @2' NFB"4BE3K ' G4 '3 ' L2 2H E1' @2C' B' L2' 3BF42F2F3 ' 4BC C 'EA2A' @' ' @2G' 3@BK A' L2' L2@2 'A2A ' 'EA' @K3' @2G' A 2A!J' !' B3CB' 'EA') 'C 'E' I 2F2' @2' N' FBE' 3' E 3' B ' @2' 2A 4 ' 'EA' @2 F' 1 ' 3 ' K23' I 2F2' 4 'FF 2A' E' 3 ' 2' ' ' @2' 4BFBE' BE' B ' 2B' 5!' * BH 'EE ' A2 2A 4 !' @2 F' 'C2' 3' 12E2F' ' E' C 'EG' N'F 3' B ' F'E42 ' I @2F2' @2 F' 2 2' 3' 42 2LF' 2A' LG' '' H '12' ' F% 4@ AF2E' I @B' '30' BF' @2 F' ' F E1' B ' '' BG' BF' 1 E12FLF2 'A' 4 ' E1' ' @2 F' ?' !' BC2!J

?' ' 3' F2 ' [@' ' '' 42F ' E' C 'E ' I @B' I '3' ' 4 2A' I @' '' 4 'E42F' E' @ 3' 21 ' E2E ' B' N2F BFC' @ 3' A2HB BE3' E' @2' 4@KF4@' !' B3CB' 'EA') 'C 'E' ' ' BC2 ' 'EA' @2' NF'G2A' CB3 ' 2 'FE23 G' @' ' @232' L2E2 42E ' 3' E 3' I BK A' L2'N 2 '32A' B' ' A' @ C!' @2E' @2' @ 'A' NF'G2A ' '' A22N' 3 22N' 2 ' KNBE' @ C!' @2E' @2' L2@2 A' !' B3CB' 'EA' !') 'C 'E ' I @B' 3 BBA' L23 A2' @ C' D 'EA' BE2' 4 'FF 2A' '' LBM' B ' B E C2E 3 ' 'EA' @2' B @2F' '' 3@'FN' OE 2!' EA' BE2' 3' A ' /' @' ' 3@' ' I 2' AB' B' F2N '42' @ 3' A 32 '32A' 21' I @2E' I 2' @ 'H2' 4K ' 'B R(' EA' @2' B @2F' F2N 2A ' / @2F2' 3' '' BBF' I @B' @ '3' L22E' LKF 2A' K3 ' EB I ' ' ' !' (2 FB' E' E4B D 2' K3' 'O2' @ 3' 21' BF' @2' NKFNB 2!(B' @2G' LFBK1@ ' @2' 21 'B ' @2' A2 'A' C 'E ' 'EA' I @' ' @2G' F2N '42A' @2' 21' B ' @2' 3 4O' C 'E' D 'EB E E1' ' I @' 42 23 ' ' B E C2E ' 3B' @' ' @2' F2C ' E2A' I @B 2!' @2E' @2' ' I BO2' @2' ' CB3 ' ABKL 2A' I @2 @2F' ' 4BK A' L2' @ C 32 D LK ' @ 3' E2 1@LBKF3 ' 322 E1' @' ' @2' I '3' @2' 2A ' BBO2A' E B' @2' BCL' B ' @2' BBF' 'EA' BKEA' @' ' @2F2' @ 'A' L22E' 'E' 2M4@' E D2' B ' 213' D 'EA' @K3' @2' C @' B ' @ 3' 1F2' ' C F'4 2' I '3' NFBH2A' B' ' ' L2@B A2F J% " ' 4 3! $', 3' .% %,% ' + $

UK3' L2GBEA' @2' L'3 4'' B ' BE3 'E E2' 3 'EA3' @2' @8 @' ' 07'E 7 6 7' 7T 7' I@ 4@' 3' K ' B ' E 2F23 !' ' I'3' F3' LK ' LG' !' G H23 2F' BE' @2' 3 2' B ' @2' 2CN 2' B ' 2EK3' 'EA' A2A 4' 2A' B' @2' F1 E ' KEA2F' @2' 2' B ' '!' 'F '' E 4'!' ' I'3' F2LK ' E' !)!' ,-9' LG' UB@E' !' IAB F23 A2A' E' @2' 'A B E E1' CBE'3 2FG' AKF E1' @ ^NBE 4' 2!' E' 'E4 2E ' N 4 KF2' ' F LK 2A' B' !' KO2 ' LFBK1@' FBC' FBG' E' << ' I'3' @2' BE G' BL 24' E' @3' 4@KF4@' I@ 4@' I'3' NF232FH2A' I@2E' @2' LK A E1' I'3' B ' G' A23 FBG2A' LG' FZ' E' 9 ;' ' 2F' I@ 4@' @2' 4@KF4@' @2E' 4' 2A' '!' 'F '' KBH'' I'3' F23 BF2A' LG' BEBF K3' !')KF E1' @2' F23 BF' BE' @2' N 4 KF2' I'3' O2N ' ' ' !' AF 'EB' 'EA' 3' L2 E1' LFBK1@' L'4O' 2A' B' '' 4BE 23' 'CBE13' @2' N2BN 2' I@ 4@' I'3' 2EA2A' LG' '' 4@ A' 2M4 ' C E1% ?' @' ' 'F2' GBK' AB E1' R @2' 'ABEE'' 3' ' F2'AG' E' @2F' B I E' 4@KF4@!J' @2' @'A' L2 'O2E' @2F32 ' @ @2F' EBE2' OE2 I' @B I !

E' @2' I2 @' 42E KFG' @2' 4@KF4@' I'3' 1 H2E' B' @2' ' 2F'E' 'EBE3' E' @2' BKF 22E @' B' @2' H2 'E' CBEO3' KEA2F' K12E K3' !' @2' ' 2F' 2M 2EA2A' @2 F' KEA'F 23' 3B' 'F' @' ' @2G' E4 KA2A' @2' B 32KC' LK' @2 F' I' 3' I2F2' BF42A' ABIFE' E' @2' 3K4422A E1' NBE 4' 2!' *F21BFG' 5 ' ('K' !' 'EA' 323'F' BF1 '' I2F2' 4'FA E' 3' B ' '!' 'F '' BH2 '!' E' : :< @2' E'C2' I'3' 4@'E12A' B' @' ' B ' '!' F'E4234'' BC'E' ' I@2E' @' ' 3' E ' F'E4234'' A2 (BE'' P 'E ' BKEAF233' B ' @2' FA2F' B ' L ' 23' I ' 3' LKF 2A' @2F2!' 2F' BCL' I'3' 2F24 2A' E' ;:< $G) BEE'' 1' '' ('C ' 3 3 2F' B ' EEB42E ' 5!' @2F32 ' 'E' L ' 2!' ' 3' FBC' @2' A23 1E3' B ' 2FE E ' 'EA' 3' F 4@' E' C'FL 23!' @2' 1KF2' I'3' EB ' 'AA2A' ' , ; , !

? 2F' @2' A2' @' B ' F'E4234' ' @2 'LBAG'F2C ' E2A' AKF E1' '' E 1@ ' 'EA' '' A'G' ' ' @2' (BEP 'E ' (' '42' @2' L ' 23' I ' 4@ E1' LG' KFE3' BH2F

-<

@2' L2 BH2A' F2C ' E3!' ! ! ! F'E4234'⍰' '42 ' I @ 4@' @'A' F242E G LBFE2' F'423'B ' '12' 'EA' 3K 2F E1 ' L24' C 2' '3' L2 'K K ' '1' E' '3' E' @2' A'G3'B 'GBK @' 'EA' NFB3N2F G⍰ 'EA' @2' '3 BE 3@2A' LG3 'EA2F3'1'P2A' I @' I BEA2F' 'EA' ' I 2' ' ' @2F' KE2 'F @ G' BH2 E233!' 'EG' B ' @2C' 4'FF 2A' ' I 'G' N'F 4 23' FBC' @2F' 4 B @23 ' 'EA' 2C N BG2A' @2C' BF' @2' 4KF2'B ' 32H2F' ' N2F3BE3' I @B' @ 'A' L22E' 4BE3 A2F2A' L2GBEA' @2' NB33 L G' B ' F24BH2FG!' E' @2' 4BKF32' B ' @2' A 'G' @2' 4FB I A' 'K1C 2E 2A' B' '' A21F22' I @ 4@' ' 'FC 2A' @2' E@'L 'E 3' B ' @2' N' '42' ' 3 '' (BEP 'E ' BBO' C2'3KF23' B'@'H2' @2' LBAG'F2C BH2A' ' 'BE42' B' @2' 4@KF4@' ' 'EA' '' NFBT 4233 BE' B ' @2'F21K 'F' 'EA' 324K 'F' 4 2F1G' 234BF 2A' @2' H2E2F' 2A' F2C ' E3' B' 'E '' 'F '' KBH' ' I @2F2' @2G' I 2F2' B' L2' E 2FF2A!

? @2'NBNK 'F' 22 E1' LKF3 ' BF @' BE' @2' B44'3 BE0' ' I '3' EB' BE12F' B' L2' F23 F' E2A!' F'E4234'' I '3' EHBO2A' LG' @2' 4FB I A' 'EA' @2F' L2 BH2A'E ' C 2' I '3' @2 'FA' E' 2H2FG'3 F22 ' E' 2H2FG'N 'PP' ' E' 2H2FG'4BC 2F' B ' @2' 2FE' ' G!' ' 2 I ' FBC' CBK @' B' CBK @ ' '322C 2A' B' B' ' E' @2' ' F' B' L2' LBFE2' ' B ' LG' @2' 1F' 2 K ' 2E @K3 '3C' B ' '' I @B 2' N2BN 2 ' I @B' @ 'A' 322E' @2F' I ' O' B' @' ' 4@KF4@' LG' @2F' C B @2F⍰'3 A2' E' @2F' @B G' 4@ A@BBA'⍰ I @B' @ 'A' 322E' @2F' OE22 ' ' ' @' ' ' 'F' E' @2' 1F' H2' L2 ' K G' B ' I BC 'E@BBA ' E' @2' @BKF' B ' L2F2' H2C 2E ' 'EA' EB I ' E' A2' @⍰ 4' FF 2A' @ @2F' E' 3 ' 2 ' 3@2' @2' 12E 2 ' @2' @KCL 2' 3' E ' B ' BC 2 ' @2' NBBF' I BC 'E' B ' @2' F'3 2H2F2 ' '3' 3@2' I '3' 3BC 2 C23' 4' 2A' ' ' @2F' B I E' A23 F2 >(5 ' 6 ')#5"! # $⍰ ' ,!' ,' # ') $-! - ' 3 $.

' 4@'N2 ' BE' @2' F 1@ ' B ' @2' 4@KF4@' 4BE ' E3' @2' CBEKC2E ' 'FA E' ' K 4'E ' 799 ' 3KNNBF E1' @ 3' 1KF2 ' FE @' ' @ ' BN2 ' 'EA' @'F G' 34K N KF2A' E' @ 1@' F2 2 ' L2 B I!' 2'F' @2' ABBF' 3' @' ' B ' 'FA E' ' A C 'F ' :79 ' I @B' A 2A' @2F2' ' 2F' 'E' E2 24 K' ' C 33 BE' B' @2' 'E "NBN2' (2AFB' A'⍰ KE'!' E' @2' 2 ' F'E32N ' I '3' '' E2' (2FK1 EB' F2CBH2A' , ; - '⍰ E' @2' F 1@ ' F'E32N ' 3' @2' BCL' B ' (BN2' *F21BFG' 5 !' LG' (2 FB' ('B B' H 2F ' 2F24 2A' LG' @2' 32E' 2' E' 1F' KA2' BF' @ 3' @'H E1' F23 BF2A' @2' N'N' ' 4BKF ' B' BC 2' FBC' H 1EBE!' ' L'3"F2 2 ' F2NF232E 3' @ 3' F KCN@' ' 2E FG' I @' ! ' @2F E2' B ' 2E' ' LG' I @B32' 2ET F2' 23' @2' I '3' EAK42A' B' F2 KFE ' I ' O E1' L2 BF2' @ 3' CK 2!' ' LF2'4@' E' @2' I ' 3' EA 4' 23' @2' FK EBK3' 3 ' 2' E B' I @ 4@' BC 2' @'A' ' 2E⍰ @2' 4@' F B ' ! (2 2F' 3' F2NF232E 2A' '3

B' E1' L'40' @FBK1@' @2' 'F' I@ 2' 'E' 'E12' 4'FF 23' @2' N'N' ' 'F'' 'EA' O2G3 '' C2 'N@BF 4' ' 1KF2' B ' BC2' 3' 4BC E1' BF @' B' I2 4BC2' @2' NBN2!

?' @2' 1F2' 23' N'F' B ' @2' NF' 32' AK2' B' * F21BFG 3' F2 KFE' B' BC2' L2 BE13' B' !' ' @2F E2' B ' 2E' ' I@B' I @' E E 2' 4BKF'12' F'H2 2A' B' H 1EBE' 'EA' N2F3K'A2A' @2' NBN2' B' F2 KFE' ' 'EA' LG' @ 3' NF232E42' B' A 3N2' @2' 2H 3' I@ 4@' A 31F'42A' ' G ' E' 4BE32SK2E42' B ' @2' 'L32E42' B ' @2' BN23!' @K3' ' 3' EB ' B' L2' I BEA2F2A' ' ' @' ' @B32' I F 2F3' I@B' F 1@ G' KEA2F3 'EA' @2' C ' 2F' 3@BK A' @' H2' 3' A' @' ' ' @2F E2 ' @2' H F1 E' B ' 2E' ' LFBK1@' L'40' B' * BA' @2' 'L'EABE2A' 'NB3 B 4' ' 4@' F' KNBE' @2F' 3@BK A2F3!J% &%!'" .' # "' - .' H !' 4B !' : \!

2'F (BN2' *F21BFG 3' BCL' 3BC2' L '402E2A' C 'FO3' E' @2' I' ' 'F2' 3@BIE' '3' @B 23' C 'A2' LG' @2' 1 1'E 4' 0E223' B ' !' (2 2F' I@2E' @2' 0E2 ' B' NF'G' @' ' CBE' '1K3' C 1@' L2' AFBNN2A' LG' @2' A2CBE3' @2' @'A' EHB02A' B' 3KNNBF' @ C' E' @2' F' I@ 4@' @2' 3' 3' A' B' @'H2' ABE2' B' 3@B I' @ 3' NB I 2F' BE' @ 3' 3NB !

? ¥ @2E' @2.2FFBF' B ' CBE' I '3' 3NF2' A E1' 'F @2F' 'EA' 'F @2F' @2' K3 F BK3' N' F' B ' C2E' (2 2F' 'EA' ('K ' @2' FK 2F3' B ' @2' @KF4@' 'FF23 2A' 'LG' 1B E1' @ @2F' I@B' 3KAA2E G'2M@ L 2A' '3' A A ' CBE' @2' NK ' H2' * BA' BE' @ 3' 'NN2'F'E42!' BF' I@2E' CBE' A24 'F2A' @' ' @2' I BK A' '342EA' ' B ' E B' @2' H2E' ' @2' 32FH'E 3' B ' * BA' 4'3 ' @ C 2'A BE1' B' @2' 2'F @' 'EA' @BK1@' @ 3' B44KFF2E42' I '3' I BEA2F K ' E' 32 ' ' I '3' EB ' I BEA2F K ' KEA2F' @2' 4 F4KC3 'E423' BF' ' I '3' (2 2F' I@B' A A' ' @2' I@B' L2 'F3' I @' @ C' @2' O2G3' B '@2' H2E!' ! ! ! ' ' I '3' ('K ' I@B' A A' ' @2' I@B' I '3' 4 'K1@ ' KN' E B' @2' @ FA' @2' H2E!J% #' " ,'4! 1 "! 3

?' CBE' NFBC 32A' B' G ' 'EA' @K3' '342EA' B' @2' @2' H2E G' 'LBA23!' E' @2' A 'G' '1F22A' KNBE ' @2' I 2E ' B' @2' 'N B E2' @ ' 'EA' @FB I E1' @ C32 ' FBC' @2' FB4O ' L21' E' @ 3' '342E ' @2E' (2 2F' 3 'EA E1' E' @2' C A3 ' 3' A ' / ' BFA' U23K3 ' 3@BI ' @ C' @' ' @ 3' 'F 3' 'F2' E' H ' E!' 'FA G' @ 'A' @2' I BFA3' L22E' K 2F2A ' I @2E' @2' I E13' I @ 4@' CBE' @ 'A' C 'A2' 32' B ' L24 ' C 2' 2E 'E1 2A ' 'EA' @2' 2 !' 3' @ 1@' I ' 3' F '4 KF2A ' E2H2F B' L2' @2' 2A % 'EA' 3BC 2' C2' ' 2F I 'FA3 ' @2' KE@ 'NNG' C 'E' A 2A' ' ' F2 ' ' I@ @2F' @2' @ ' A' F2 F2A' ' 2F' @ ' A 34BC KF2!J% #' 3 ! J

;' ' @2' I@B 2' SK23 BE'B ' EBE' '1K3' A 34K332A' E' ' 2F I BF @' 3' S' E1 'EA' 'EA' BC2!J' /

? @2F2' 4'E' L2' EB' ABKL ' @' ' @2F2' 2M 3 2A' E' @2' F3 ' 42E KFG' '' CBE ' '' 'C 'F 'E ' '' NF2 2EA2F' B' A H E2' 'K @BF G' 'EA' 3KN2FE ' KF' ' NB I 2F3' ' I @B ' BF' '' C2 ' @ ' A' C 'EG' B B I 2F3' I @B' 3 BBA' E' '' 42F ' E' F2 ' BE' B' @F 3 'E G' 'EA' I @B' C 'G' @ ' H2' @2 A' 3BC 2' BN E BE3' CBF2' BF' 233' 3 C 'F' B' @B32' 2E 2F ' E2A' LG' @2' CB3 ' 'CBK3' @2F2 43' B ' @2' 2 ' F G' '123 ' @2' * EB3 43!' F2E' 2K3' 4 ' 3' @ 3' CBE' @2' ' @2F' B ' ' ' @2F2 43!' /' ' @B32 ' @2' 3 ' G3 ' /' I @B' E' 'EG' I ' G' 4BFFKN ' @2' FK @ ' BF' C 'F' @2' NF2 ' 4@ E1' L B ' @2' @KF4@ ' ' F2' A 34 N 23' 'EA' 3K44233BF3' B ' CBE ' @2' ! ' C 'F 'E' C ' 1 4 'E!' ! CBE' 1 'H2' @ C 32 ' BF @' '3' '' * BA ' 'EA' 4' F2A' 'LBK ' I @' @ C ' '' L2 'K K ' I BC 'E' E ' C 2A' 2 2E' ' I @BC ' @2' F2NF232E 2A' '3' @2' F3 ' 4BE42N BE' B ' @ 3% @ ' ' 3 ' B ' @2' A H E2% C EA ' @2' 3GC LB ' 'EA' C 'E 23 ' BE' B ' @ ' ' NBF BE' B ' 3N F K' G' I @ 4@ ' @ 'A' L24BC 2' 2E 'E1 2A' E' C ' 2F > (4 3! # ' - !5' #:' N!' 9<:!

@2' H 'K ' B ' @2' F LKE2' 3' 4BH2F2A' I @' CB3 ' 43!

?' @2' F23 BF2A' F LKE2' CB3 ' 43' !) !' , \ % , - ' AKF E1' @2' NBE T 4 ' 2' B ' 4@B '3' ! ' 4 B32' @2' 3 ' B ' BC 'E' GP 'E E2' I BFO3!' G' @2 F' C2' ' @ ' A' L24BC 2' 'NN ' F2E ' @ ' ' 3K4@' 1KF23' '3' @2' ' F ' B ' @2' A ' G' I ' 3 ' ' BE2 ' ' L 2' B' ' 4@ 2H2 ' 4BK A' @ ' H2' EB' NB33 L 2' F2 ' BE' B' 2 ' 4@' B @2F ' 'EA' @2F2 BF2' EB' BE12F' 4BE3 K 2' '' 4BCNB3 BE' @2' ' F 3 3' '44BFA E1 G' 32N ' F' 2A' @2' 'ABEE ' ' BE' @2' @FBE2 ' @EA' @2' BKF' 3 ' E 3' I @' KN 2A' @ ' EA3 ' LG' 1F' 42 K ' 'F4 ' A23!' @2' 1FBKEA' 3' 1B A ' @2' E CLK323' L K ' @2' '423' 4BE3 3 ' BE G' B ' 22L 2' E23% @2' 4@22O3' 'F2' BE G' F2A' L B 4@23' ' @2' B A3' C 2F2 G' A ' FO' 3 FBO23' ' E2H2F @2 233' '' 42F ' E' B I ' 'EA' K E233' E' @2' BFC3 ' 'EA' @2' 4@ 'F' 4 2F' B ' '' 2 I ' '44233BF 23' BF' E3 'E42 ' @2' 2M4@ ' E12 ' B ' '' 4FB I E' KNBE' @2' F1 E(3' @2 ' A' BF' @2' EH ' F 'L 2' GP 'E E2' H2 ' 322C ' B' EA 4 ' 2' @ ' ' I 2 ' @ ' H2' EB ' 3B' C K4@' B' AB' @2F2' I @' @2' A24 E2' B ' GP 'E E2' 'F ' '3' I @' '' EBF @2FE' 'EA' NFBL ' L G' F ' EO 3@' E K2E42!J% 7$&"!

@2' 4BEH2E ' ' '4@2A' B' @ 3' 4@KF4@' I '3' @2' 'LBA2' B ' '33B' AKF E1' @ 3' F3 ' H R ' B' BC2!

2@ EA' '!' F 'E4234 ' ' BC 'E' ' 'EA' '4 E1' @2' B 32KC ' 'F2' @2' F2C ' E3' 12E2F' G' 0EB I E' '3' @2' 9# ' ') 86' 7 $' ' ' 3B' 4' 2A' 2CN KC' $FL 3' EB I ' 3BC2 C23' 4' 2A' LG' BL 24 BF3' @2' ? (BF 4B B ' H ' J ' I @ 4@ ' ' @ 3' E ' C 2' 3' @2' 4BFF24 ' BE2 ' I '3' BF 1 E' G' N ' E2A' LG' @2' CN2FBF

'AF 'E' B' F H' ' @2' BFKC' B ' F' 'E ' 2F24 2A' LG' @2' 'F4@ T 24 ' NB BABFK3!' ' I '3' LK ' KNBE' '' 3 2' NF2H BK3 G' B44KT N 2A' LG' @2' ' F KC' B ' 2FB\3' * B A2E' BK32!' 2' F2C ' E3' 3 'EA E1' 2M 42N' '' 42 '' '4 E1' @2' B 32KC ' 'EA' 'EB @2F' E' @2' 4 B 3 2F3' B ' @2' 'A B E E1' 4BEH2E ' @232 ' N2F@'N3 ' L2 E1' F23 BF' BE3' LG' 'M2E K3 ' -' 7<- ' ' 2F' '' F2' @'A' A23 FBG2A' CB3 ' B ' @2' LK A E1' B ' 'AF 'E ' LK ' @2' 3KFT FBKEA E1' 1F'33G' @2 1@ ' 3' NB3 H2 G' 2F2A' I @' F'1C2E 3' B ' @2' 1F2G' 1F'E 2' 4B KCE3' I @ 4@' BE42' BFC2A' @2' 1F'EA' NBF 4B' :<< LG' 9<< 22 ' B ' @2' LK A E1!' ' 'F12' C '33' B ' BF E @ 'E' 4BFE 42' F2C ' E3' E2'F' @2' 42 '' '4 E1' @2' B 3T 2KC!' @ 3' I '3' @2' '3 ' N'1'E' 2CN 2' I @ 4@' F2C ' E2A' E' K32' E' BC2! ' ' I '3' BE G' 4 B32A' LG' @2BAB3 K3' E' 78 ' 'EA' F2C ' E2A' 2E F2' ' ;9\ ' I @2E' (BN2' BEBF K3' 4 'FF 2A' B ' @2' LFBEP2' 23' B ' 3' FBB ' B' ' (2 2F\3!

? 4' 3 '4F ' C ' F23BE ' F2' H ' C ' C K1 LK3 ' ' E 2
) 2 KLFKC ' BC ' 2' 4B KF' E ' F '' 3 ' E1K E2' 2 ' N3 ' '
BF2' A2] ' EBC2ESK2' B4 ' 42K' EKC2E ' @ ' L2 KF!
SK2' $FL 3 ' 2E2F 3SK2' N ' F ' 32' 4K C E2' B C '
2CN ' ' 3 CK ' 12C E 3' ' AB 2E KF' @KF '' A2 ' LK3!J '
35!$# 1 '- $# ' *3 3 ' H!' 9 :!

?' @2E' ' LBK ' B' 4BE3 FK4 ' @ 3' C ' 1E 42E ' 2CN 2$B ' 2EK3' 'EA' BC2 ' 'AF 'E' NFBAK42A' '' A23 1E' B '@ 3' B I E' 'EA' 3@B I 2A' ' I @' NFBKA' 3' 3 '4 BE' B' @2' 'F4@ 24 ' NB BABFK3!' @2' 4F2 ' BF' B ' @2' F ' 'E' 4B KCE' F2C ' FO2A' I @' '' 3E22F' @ ' ' @2' A2 23 ' ' @2G' FB32' FBC' @2 F' 32' 3 ' CK3 ' @FK3 ' @2 F' @2 ' A3' @FBK1@' @2' 42 E1!' @2' 2CN2FBF ' I 2' 'F2' '33KF2A ' 4BK A' EB ' BF1 H2' @ 3' L ' E 2FD' K ' I 2' 4 ' E'@ ' FA G' 'O2' B' @2' 2 2F' @2' 3 ' 2C 2E ' @ ' ' @2' NK ' @ 3' 4F 4' B' A2 ' @' BF' J% ! * "!.' 4@!' MH !

E' FBE ' B ' @ 3' 2CN 2' 3 BBA' @2' LFBEP2' 3 ' K2' B ' 42 ' ' C2E BE2A' LG' HG' 'EA' 2E24 ' ' 'VA' ' @2' 3 M @' 42E KFG

' (FKA2E K3' 4BE F'' GCC ' 4!' ! ' 9\!

@2' LFBEP2' 2 2N@'E 3' C2E BE2A' LG' '33 BABC3!' 2'F2F' @2' B 32KC' C'G' 3 ' L2' 322E' @2' F2C' E3' B ' @2' BKEA'T BE' NF2N'F2A' LG' 'AF 'E' BF' @2' # 667# 0708 ' ' ' 2M24K 2A' E' LFBEP2' LG' `2EBABFK3!' @ 3' 3 ' K2' I '3' I 42' CBH2A' F3 ' LG' 23N'3 'E' E' & ' -\ ' @' ' ' C 1@ ' '42' @2' 4@ 2 ' 2E F'E42' B ' @ 3' 'CN@ @2' F2 ' I@B32' N 'E' @'A' L22E' ' F2'AG' ' A' BK ! ' @2' 3'C2' C2% @BK1@' ' I '3' '' 3 F O E1' O2E233' B ' 2FB% 3'@2'A' I '3' 3KFFBKEA2A' I @'F'G3' @' ' ' C 1@ ' F2NF232E ' NB B!' E' 3' 324BEA' NB3 BE' ' 3' A234F L2A' LG' 'F ' 0

2' K L ' 3 A2F2K3' NFBN K3' H A2 ' ' 3 F '' 4B B33K3'
' 4F234KE ' C 2A '' N21C ' '' 42 3'' H '
EH A B3 '' 2F 'F'A 'L'E ' ' F '' F21 3
$ E ' SK2' ' C ' B '' 3 'L' ' E' KFL2' ABC K3!J
!' ,!-#' !

' I '3' '1' E' CBH2A' I @' @2' ' A' B ' BF G" I B' 2 2N@'E 3 ' '' 2I' G'FA3' KF @2F' EBF @' LG' 'AF 'E' I @2E' @2' LK ' @ 3' 2CN 2' B ' 2EK3' 'EA' BC2!' (EG' A234F L23' @2' 4B B33K3' '3' EB ') SN' '33 K3' '3' << 22 ' @ 1@!

, ' ' F ' E' 2C N BG2A' 'E' 'F4@ 24 ' E ' C 2A') 24F 'EK3' B' F2CBH2' @2' 4B B33K3' B ' 2FB ' @2' '42' B ' I @ 4@' @ 'A' L22E' ' 2F2A' E B' '' B !' 2' AB23' EB ' 322C ' B' @ 'H2' '44BCN 3@2A' @2' A23 1E' B ' NB BABFK3' B' 2F24 ' ''4BC N 'E BE'3 ' K2' B ' C ' !'J% ! * "!.' 4@!' L2H !

2'F' @2' 4@KF4@' B ' '!' F'E4234 '' @2' '' '4F '' N'3323' KEA2F' @2' @' (' 086' I @ 4@' 2H2E' E' 3' F23 BF2A' 4BET A BE' 3' @2' CB3 ' L2'K K ' CBEKC2E ' B ' @2' 0 EA' F2C' E'' E1' E' BC2!' 3' @F 3 'E' E 2F23 ' 3' KEF H' 2A' FBC' 3' @'H E1' L22E' 2F24 2A' LG' @2' 32E' 2' B' 4BCC2CBF' 2' @2' '0 E1' B ' U2FK3' 2C ' 'EA' FBC' 3' L'3"F2 2 3' B ' @2' 32H2E'' LF'E4@2A' 4'EA 23 40' 'EA' B @2F' F2'3KF23' B ' @2' U2 I 3@' 2CN 2!' E' C2A '2H' ' C23' ' I '3 4' 2A' @2' F4@' B ' @2

') BE' '33 K3 ' MH !' \!

2H2E 'EA 23 403 32N 2C K42C 'FKC FBC @2 L'3"
F2 2 B @2 4'EA 23 40 4BE42FE E1 I @ 4@ *F21BFBH K3
F2C'F03 @' F2 'E '3 4 1KF23 4'FH2A KNBE NFBH2 @'
I '3 0 'E 2M'4 O2E233 B @' I @ 4@ 4'C2 FBC U2FKT
3' 2C! @2 L'3"F2 2 3 'F2 EB I 1F2' G CK ' 2A LK @2G
'F2 3@B I E E @2 F N2F 24 3 ' 2 E ' AF' I E1 B * K 'EB A
' ' B! E @2 F 2P2 3 @2 3'4F2A F H2F UBFA'E '3 'E
'12A C'E LBFE2 BE ' L 2F! @2 'F4@ I @ 4@ I '3 E ' H2FG
C EBK3 4BEA BE @'A L22E 2E1F' 2A E @2 C AA 2 '123 E B
' BF F233 B I2F 4' 2A KFF 3 'F K 'F ' 'EA 3B F2C' E2A
 @2 NF232E 42E KFG! @ 3 B I2F BF 1 E' G BFC2A @2
2E F'E42 B @2 H'3 BF F233 B @2 NB I2F K F'E1 N'E
'C G I @ 4@ E4 KA2A @2 B 32KC 'EA ' 1F2' N'F B @2
(' E2 'EA B3 'E @ 3 'EA @2F2 'LBH2 @2 1' 2! (BN2
$FL'E ! A I2 E <87 KEA2F @2 NFB 24 BE B * BH'EE
F'E1 N'E ! @2 'F4@ I '3 F2N' F2A LG (K3 ! I@B
F2N '42A E F'H2F E2 @2 B3 C'FL 2 NBF BE3 ' @2 BN
'EA 3 A23!

?' 'EA E1'L2E2' @' @2' 'F4@' B ' K3' 'EA' 'C A' 3B' C K4@' 'E3 2E 'A 3 '
' 3' A 4K ' B' BFL2 'F' @2' 4BC CBEN '423' B ' 2E @K3 '3C ' BE' I @ 4@' @KET
AF2A3' B ' BKF 3 3' @ 'H2' ' F2 'AG' E3 3 2A!' H2F' @2' @ ' "I BFE' N 'H2C 2E '
'EA' L2E2' @' @ 3' 'F4@ ' @2' BC 'E' 'FC 23' @ 'A' FBAA2E' E' @2 F' BK I 'FA'
C 'F4@ ' B' 1@ ' L' 23 ' '' I BF A{3' I A @' ' I 'G!' 2 KFE E1' H 4 BF BK3 '
I @' FBG' ' 4'N H23 ' 'EA' E23 C 'L 2' 3NB ' '' BC 'E' F K C N@ ' @' ' C B3 '
1BF12BK3' N ' 12' E 'B '2 'F @ G'NF A2 ' @ '3' 3 F2' C 2A' 'EA' 'KE 2A' E' @KEAF2AT
B A' 3K44233 BE' BH2F' @232' 3 ' C 2' '13 BE23 ' 'EA' @FBK1@' @ 3' G2 '3 ' I 'F '
'F4@ I 'G!' ' 3' NB 4 ' @B I 2H2F ' B' C 'O2' 2 I ' ' K3 BE3' B' 3K4@' ' 'N ' 3 ' '
EBF' 3' I 32' B' 3K1123 ' @B I ' 42FB{3' 22 ' C 'G' @ ' H2' 3 2NN2A' BE' GBEA2F'
3 BE2' BF' @B I ' BF '42' I '3' I BE ' B' 3 FB ' E2' F' LG ' C 'O E1' @ 3' BB 3 2N3'
4@ C2' I @' @2' C 2' 3KF2' B ' @2' BA2' @' ' I '3' F E1 E1' E' @ 3' C EA!' @2'
H2FG' 1@B3 3' B ' @' ' C '33 H2' 'EA' 3 ' 2 G' 2NB4@' @ 'H2' 3B' C K4@' A2E3 G' @' '
@2' N2BN 2' B ' B"A' G' 322C' @2' @ EE2F' B : @2' I B ' 'EA' 3 'EA' C BF2' 1@B3 T
O2' LG' @2' 'F4@23' 'EA' 4B K C E3 ' 2 E1' @2' F 4@' 34K N KF2' L2' A 342FE2A'
@FBK1@' @2 F "4B C N '4 2A' 3KL3 ' E42!J % +#% $!

-;) 7 ' ' /

? 2'N'332A'BE' B' @2' 'F4@'B ' K3!' C BE13 ' @2'F2 2 3' @2F2' 3' @2' 1KF2'B ' ''C 'E'L2'F E1' @2'1B A2E' 4'EA 23 4O' FBC' @2' 2C N 2' ' ' U2FK3' 2C ' '3'BE2'B ' @2'3NB 3'B ' @2' F KCN@!' 2 ' 2' I@B' 'L'EABE2A' 3'H 3 L 2' 'EA' B4' ' 2CN 2' B' @2'@'EA3'B ' @2'@2' @2E' BF' @2'3 E3'B ' 3' EBC E' ' IBF3@ NN2F3 ' @'3' 'O2E' B' C ' 3'1F2' 'NB I 2F' 'EA'@'3' 1B 2E' C'1 BFG'LG'A23 FBG E1' @2' AB 3'B ' BC 2' '3' 2'@'A'ABE2' @2' AB 3' B ' 'LG BE0' 'EA' @2' 1B A2E' 4'EA 23 4O' LKFE3' 'EA' 3@' ' LKFE' I @' 'E'2H2F '3 E1' 1@ ' I@ 2' @2'2E2C 23'B ' 3'@B G'E'C2 ' 'LG BE ' BC 2 'BF' @2'4'F4'33'B '3 E' E'2H2FG' 'EA ' I@ 4@' @2'2'1 23'B ' 3'Z ' @' I ' 3KF2 G' EA' BK ' N2F 3@' BF' 2H2F' FBC' L2 BF2' C !J% $ "57 ' 4 1 $ "

H' @2'U2I 3@' FBN@ 23' 'F2'34K N KF2A' E'L'3"F2 2 'BE' @2' E3 A2'B ' @2' 'F4@'L2E2' @' @2'H'K E1!' NNB3 2' B' @232' 3' 'EB @2F'L'3"F2 2 'F2NF2T 32E E1' K3' E' @2'SK'AF 1' ' @2'F2 E3'LBFE2'LG' @2'1BAA233' BC '!' E' @2'42E F2'B ' @2' 'F4@' K3' 3'LBFE2' B'@2'H2E'LG' 'E' 2'1 2!' 'C 'G'L2' 4BE 24 KF2A' @' ' @232'BFE'C2E 3' B'@ 3' 1 BFG' I 2F2' A23 1E2A' ' 2F' @2' ' A2' @' B ' 23N'3 'E ' 'EA' 4BCN 2 2A' ' 2F' @ 3' B I E!' !' !' !' @232 I E23323' B' @2' FK @' B ' @ 3 BFG' 'F2' 34'EE2A' ' ' @ 3' A 'G'LG' @F 3 'E3' N'33 E1' B' 'EA' FB' L2 I 22E' @2' B 32KC' 'EA' @2' BFKC'0' 'EA' ' ' @ 3' A 'G' @2'U2I 'F2 K323' B' I ' O' L2E2' @' @2C ' 'EA' 4F22N3' 3 2' @ G'LG' @2' 3 A2' I @' ABI E4'3 '2G23 ' BF'4BKE 2E'E42' 'H2F 2A!J% ! * "!.' 3 $' 1$5! '#%!' / 3 ' !.' H !' 9\<!

?' @2' F23 BF' BE' B ' @2' 'F4@'B ' K3' F2 24 3' @2' 1F2' 23 ' 4F2A ' BE' @2' 4BCS 33 BE' 'NNB E 2A' LG' (K3' !' BF' @2' F23 BF' BE' B ' 'E4 2E' 2A 423!' @ 3' EB ' BE G'L2'K K ' LK ' NF24 BK3' CBEKC 2E ' @'A' L22E' C 'A2' @2' EK4 2K3' B ' '' @ A2BK3' 4'3 2 ' 2A' BF 'LG' @2' F'E1 N'E ' 'C G!' 3' C '3BEFG'@BI 2H2F ' 2C LF'42A' 'EA'@2 A' B12 @2F ' '3' I 2 ' '3' 4FK3@2A' @2' C 'FL 2' 'F4@'0' 3B' @' ' BE' F22 E1' ' FBC' 3' FKA2' LK F23323' @2F2' I '3' 2'F'B ' 3' 4B 'N3 E1' 'EA' '@'A' F3' B' L2' I 2 'LBKEA' B12 @2F' LG' NFBN3' 'EA' LF' 4 E1' L2' C 3 ' '' NFB4233' E' I@ 4@' @2' BC 'E' 'F4@ 24 3' 'F2' KET F H' 2A!' @2' 3 CN 2' 2MN2A 2E ' I '3' @2E' 'ABN 2A' LG' @2' 'F4@ 24 ' 2FE' B ' 4BCN 2 E1' @2' 'F4 ' E' 3 BE23' BF' 3' 3 A23' @ 'A' L22E' F2CBH2A!' @K3' E4F2' 32A' E' 3B A' 3 E 4 KF2 ' I@ 4@' 4BE EK2A' ' ' @2' 'F4@ 24 KF' ' E23 ' 'EA' F2E2 I 2A' 3' NFBNBF BE3' B' @2' CK ' 2A' 42E F2 ' @2' 'F4@' I '3' LB @' 4BCN 2 2 G' 324KF2A' 'EA' ' CB3 ' F23 BF2A' B' 3' NF 3 E2' 2 21' E42!J% ' !3 $8 ' ,!' ,' 1 ' 9

@2' NFB4233 BE3' B ' @2 'NBN23' 1B E1' B' @2' ' 2F'E' BF' @2 F' 3B 2CE' E3 ' ' BE ' K32A' B' @' ' L23 A2' @2' 'F4@' B

K3' I@ 2' '' U2 I' NF232E 2A' '' 4BNG' B ' @2' (2E ' 2K4@' I @' '' @KCL 2' B' @' B ' 2' G!' @ 3' @KC ' E1' 42F2CBEG' I '3' BC 2A' BF' @2' F3' C2' ' ' @2' E3 ' ' BE' B ' (K3' 5!

' @ 3' NB E ' ' C 'G' EB ' L2' E 'NNFBNF ' 2' B' EB 42' I@B' B @1F' LK A E13' I @ 4@' @BK1@' 3 K' 2A' BE' @2' (' ' E2' 'F2' B ' G' A 34BEE24 2A' I @' @2' B @2F' BL 24 3' B44KNG E1' @' @ !

' 'E2' FKE3' KN' B' @2' F 1@' FBC' @2' 'F4@' B ' K3!' E' @2' 2 ' 3' '' 1' 2 I 'G' 3KFCBKE 2A' LG' '' 'A2A' F234B' B ' !' 2L'3 'E!' 2F2' 3' @2' 2E F 'E42' B' '' I A' 'EA' L2 'K'' W K' 1'FA2E' NB33233 E1' CB3' BH2 G' H 2 I 3' B ' @2' H 'F BK3' FK E3' B44KNG E1' @2' 3 2' B ' @2' 1 'FA2E3' B ' ABE 3!' @ 3' 1'FA2E' 3' @2' N '42' I@2F2' !' 2L'3 'E' KEA2F I 2E ' @ 3' 3B'' 4' 2A ' C 'F GFABC ' 'EA' I ' 4' ' B' C EA' @2' C 'EG' E2' N 4 KF23 ' 34' 2F2A' BH2F' KFBN2 ' B ' @2' GBK @ K ' 'EA' L2'K K ' 3' E ' LBKEA' B' '' F22 ' 'EA' N 2F42A' I @' 'FFB I 3!' @2' E23 ' B ' @232' 'F2' @2') BC 2E 4@ EB ' E' ' 'F '' A21 ' E12 ' 'EA' @2' BABC '' ' ' BF2E42!' 2' 3' 3B E2 F123' F2NF232E 2A' '3' LBKEA' B' 'E' BF 'E12'' F22 ' 'EA' 3BC2 C23 ' '3' E' @2' * K AB' ' ' B B1E' ' B' '' 4GNF233 ' O2' @B32' I 2' 3 ' 322' BE' @ 3' 3NB !' 2F2' I '3' 'E' CNBF 'E ' 2E2A 4 E2' BEH2E ' I @2F2' (BN2' BE '42' !' I '3' '' CBEO' L2 BF2' @ 3' 2 24 BE' B' @2' N 'N '4G ' 'EA' I @2F2' @2' 'CBK3' 'LLB 3' B ' BE 2' '3 EB' @ 'A' @2 F' BC 'E' F23 A2E42!' 2F2' E' , ' G"BE2' 4 'FA E ' 3' BBO' F2 K12 ' 'EA' 2 24 2A' * 2 '3 K3' !' '3' (BN2!' @2' BE G' LK A E1' F2C ' E E1' 3' @2' @8 @' ' 07' 7 7' ! 7##7 7' BF' ' I76>7 ' 4BE ' E E1' 3BC2' 4KF BK3' E34F N BE3' F2 ' E1' B' 2H2E 3' I @ 4@' @ ' H2' B44KFF2A' @2F2' 'EA% E' @2' F LKE2 ' F234B23 ' B ' @2' 'H BKF' E ! !

L2E2A 4 BE I @ BKF 3' E 3 'EA L2 B I ZHB B @2F 1FBKN3 F2NF232E E1 @2 F1 E I @ 3' E 3 'EA 'E12 3 '42A ' '3 I 2 2'FE LG @2 E34F N BE L2E2' @ LG BE2 2E2A 4 % NFBL'L G 'E 'LLB !

KF @2F KN @2 'E2 '' ?' '' FK4 3 J 2'A3 B @2 @8 @ ' ' :8 75 08 7 ? @2 32F'N@ 4 AB4 BF J 'FA E' ' 'EA 3@BN B ' L'EB BL! UK G : ' 9-: ' I@B E 4@ A@BB4 I '3 F' 32A FBC @2 NB E B A2' @ 99 LG @2 NF'G2F3 B ! F'E4 3 I@B I '3 3B 3KFNF 32A I@2E @2 4'C2 B 2 @' @2 EHB KE 'F G 2M4 ' C2A ?' ' LKBE'' H2E KF'J % ' ?' I@' '' @'NNG 4@'E42 J % I@2E42 @2 E'C2 LG I@ 4@ @2 I '3 ' 2FT I 'FA3 OEB I E!

@2 2 4@KF4@ 4BE ' E3 32H2F' ' 1BBA CBA2FE CBEKT C2E 3! 2E2' @ @2 ' 'F 3 3@B I E @2 LBAG B ' @2 2332A 2BE'FAB B ' (BF B" 'KF P B A! -\ ' I@B 'FF'E12A @2 '' FK4 3 E @2 B 32KC ' 'EA I@B 3 CK4@ F2H2F2A LG @2 K F'" BC'E 3 3 BF @'H E1 NFBN@23 2A @2 NFB4 'C' BE B ' @2 AB1C '' B ' @2 CC'4K ' 2 BE42N BE! @2 4FK4 M 'EA @2 N 4 F2 B ' @2 'ABEE'' I@ 4@ @2 4'FF 2A I @ @ C E @ 3 33 BE3 ' 'F2 NF232FH2A E E 4@23 BE 2 @2F 3 A2 B ' @2 F LKE2 ' 'EA C 'EG B @2F F2 43 B ' @ C ' 'F2 3@B I E E @ 3 42 ' E @2 'A B E E1 4BEH2E ' B ' EBF F'E4 34'E3! E 2F2A @FBK1@ @2 4BEH2E ' 3 '' BH2 G 2 1'FA2E ' I@2E42 @2F2 3 ''1F'EA H 2 I ' B ' @2 B 32KC ' 'EA I@2F2 '' 2 BKE ' E 3 3@'A2A LG I B ' ' N' C F223!

?' 3 I ' A' I 2E ' E2M ' B' 2' CBE'3 2FG' B ' ! K2E'H2E KF' ' LK ' BE' @2'FK E3' B ' 2FB(3' N' '42!' @2F2 ' I@2F2'3B' C 'EG' 4F C23' @ 'A' F2 1E2A' F2C BF32 233 G ' NBBF' F 'F3 ' BFC 2E 2A' LG' 4BE34 2E BK3' 34FKN 23 ' ABBC' @2C 32 H23' B' '3 3' 'EA' 3 F N23' BF' @2' 2'3 ' BC 33 BE' B ' AK G!' /' KF' BE G'@BN2 (' 3' A' BE2 ' / 3' @' ' I@2E' I 2' A 2 ' BKF' 'K 3' I 'EB ' @ ' H2' 2M"

' ! K2E'H2E KF'' 3' N2F@'N3' L23 ' OEB I E' B' @2' 2M 3 E1' @F 3 'E' I BF A' '3' @2' 'K @BF B ' @2' L2'K K '@GCE' 24BFA'F2' 3'E4 32' 4FK4 3!J

422A2A' BKF' N2E' E423!' 2H ' '3' 2E 2F2A' 3 KCL 2A' BH2F' '' F'N' 'EA' '3O2A' 3' NKFNB32!' /' ' 3' @FBK1@' @' ' I 2' 'F2' E 2FF2A '' 'E3 I 2F2A' BE2' B ' @2' GBKE123 ' ' F2' AG' '' NF2G' B' @2' @' A' ' F!' @2' E' H23' B ' @2' 3BK @' 2' F A2' @' 3B' C K4@' @' ' ' 3' "I BEAFBK3' B' EA' @2F2' @232' N2FT N2 K' ' C2C2E B23' G2 ' E' KF2' 3' B 2E' '34 E' 2A' LG' I @' ' 3@2' AF2' A3' 'EA' 3K4@' 'E' E BM 4' BE' 3' @2' 3BK ' 2M4 K3 H2 G!' @2' 'E SK2' 3' F4BT N@' 1K3' B ''4@ A' 32FH23' '3' @2' BKE ' E' B ' @ 3' E3 K BE!' @2' LB' 3 2A' N' C' B ' BC2' 3' @2' BE G' F22' B ' 3' 1' FA2E > (5 3!' 5!' # !" ' $ $$!

@2' 'F4@' B ' K3' 3' 3NBO2E' B ' '3' L2 E1' ?' E' 3ECC '') 7 ' (7 7M' '3' @2' 3 F22 ' I '3' 4' 2A' I @ 4@' 2A' FBC' @2' 3BK @2C ' 1' 2' B ' BC2' B' @2' 'N B ' 'EA' LG' I @ 4@' @2' H 4 BF BK3'' 12E2F' 3' N' 332A' E' @2 F' F KCN@' E ' NFB4233 BE3' B' @2'' 2CN 2' B 'UKN 2F!' 2 I 22E' @2' 'F4@' B ' K3' 'EA' @2' B T 32KC ' @2' 'E4 2E ' N' H2C2E ' B ' @ 3' 'CBK3' FB' A ' 4BCNB32A' B ' @K12' NB G1BE' ' L B4O3' B ' 'H' ' @'3' L22E' ' B I 2A' B' F2C' E!' 2F2' I 2' C 'G' C' 1 E2' BF' 42' '0 E1' @ 3' 'HBKF 2' I ' 0

?' L' C' BF 2' '' '4F ' 3 4K ' C 2K3' 23 ' C B3
234 B' SK A' C 2A 'E3' EK1' FKC ' 2 ' B F3' E' 3!J
&#' !' 8!

' 'NN2' F3' B' @' H2' L22E' @2' 'HBKF 2' F23BF ' B ' @2' #7 8 6H' B ' @2' A' G' 0

?' A23E2 ' '4F' C' C 2 2E 2' 2' H ' C'
KC' L 3' 2F' K E' FKC' B1'
$ ' BF' ' H2F ' '@K2' 2 ' @K2' 2KE KC'
L2FF C '' EA 1E' B' RJ
=' > 7 ' 9 $ ' :!!

@2' '' '4F' ' I '3' BF 1 E' G' LBFA2F2A' I @' 3@BN3!' H A' ' KA23' F2SK2E G' B' @2' NKF4@' 323' I @ 4@' C 1@ ' L2' C' A2' @2F2' E' @ 3' C2!' E' @ 3' 23N24 ' ' N' F ' B ' @2' '' I '3' @2' C' FO2 ' BF' FK ' 'EA' @BE2G!

' 'FFB ' A2' !' K3 !' !' 9!' 'EA' !' ;!

,B ' ' /

H') KC ' L2E2' A H23' '12F ' A 'E' F ' C ' NB ' A2F2' EK 'E D
A 2F ' ' E' 4 ' ' @B' FK3 4 '' ABE '' NK2F!
KF2' 3KLKFL ' EB' NB 2F 3' L ' A 42F ' C 33 '' D
'' H2 ' E' '4F '' 3 E ' 42 ' 2C N '' '!J
8W6'6' ' '3 $:' !' 9 ; 7!

' @2' BB ' B ' @2' @ ' 'F2' @2' F2C ' E3' B ' @2' L ' 3BE' 'EA' @2' LF 40' 4BE2' B ' '' BKE ' E' 4 ' 2A' 07' 8$7 6' I @2F2' @2' 1 ' A ' BF3' K32A' B' I ' 3@!' 2E24 ' ' I @B' H2A' E' @ 3' E2 1@T LBKF@BBA' 4BCN ' E3' N 3 !' H ! ' B ' @2' EB 32' I @ 4@' I ' 3' C ' A2' LG' '' 3@B I C ' E' I @B' L 2 I ' @ 3' FKCN2 ' 4 B32' B' @ 3' BKE ' E!

E' @2' F 1@ ' @2' '' F KCN@ ' 3' 2 ' A3' B' @2' ' Q NN ' ' N ' 33 E1' KEA2F' @2' @' ' 607 0 ' @2' B I 2F' L ' 3"' F2 2 3' KNBE' @ 3' 'F4@ ' I @ 4@' 'F2' 4FKA2' 'EA' "A23 1E2A ' F2 2F' B' @2' A22A3' B ' BE3 ' E E2D' LK ' @2' KNN2F ' B ' E2' I BF0C ' E3@ N ' K3 F ' 2' @2' 2' B ' F ' 'E ' I @ 4@' @ '3' 2A' 3BC2' B' C ' 1 E2' @ ' ' @2' 'F4@' I ' 3' BF 1 E ' G' 2F24 2A' E' @BEBKF' B ' F ' 'E ' 'EA' ' 2F I ' FA3' 'NNFBNF ' 2A' LG' BE3 ' ET E2!' @2G H2F2 ' @B I 2H2F ' F2C BH2A' FBC ' E' 'F4@' B ' F ' 'E' I @B32' FK E3' 2M 3 2A' E' :7< ' 'EA' I 2F2' 'NNFBNF ' 2A' LG' BE3 ' E E2' BF' @ 3' B I E' 'F4@!

?' BE3 ' E E' '' 2E 2H2' ' KE' 'F4' A2' F BC N@2' A2' F ' 'E' 23' 3 ' K23' A2' NF 3BEE 2F3' A ' 423' SK2' BE' HB ' 'K' 3BC C 2 ' AK' 3 2E!' 2' HB ' '' 2 2' NKE ' 'K' 32 P 2C 2' 3 24 2 ' 4 ' F ' A ' E3' 42' SK ' 32C L 2' KE' '44 23' A2' B 2' BF2EP EB ' 2' L P ' FF2' ' 33 ' 33 E' A 2M ' EAF2' A2' 2A 4 3' '' A24 ' N 2' BK 23' 23' 3 ' K23' SK ' 3KFC BE ' 2E ' F4@2' BE3 ' E E ' CB E3' KE2 ' '' 32K 2' ABE2' '' 2 2' 3B ' 'E SK2!' 2KF2K32C 2E ' BE' ' A ' E3' 23' CK3223 ' '' BC 2' 2 ' ' 2KF3 ' LBE' EBC LF2' A2' 423' 3 ' K23' A2' 4 ' N 3' L ' FL ' F23' ' H24' 2' C 2C 2 2B3 KC 2 ' 2 23 "' O ' A F2' 2' N ' E ' BE' 2 ' 2' LBEE2 ' 3BKH2E ' 23' C ' E3' 223 ' A ' E3' KE2' ' KA2' A2' 3BKC 33 BE' C BC 2 ' SK2 SK2' B 3' ' H24' KE2' 2MNF233 BE' A2' 3BC LF2' 2F 2 ' 4 ' F' F2C ' E' ' H ' ' '' EBL 2332' A2' E2' N ' 3' @KC 2F' 23' H ' E4K3' D' 'E2' 23' F2NF232E ' ' NB E ' O' 12EBK ' BK 23' ' KM' N 2A3' N ' F' 2KF3' H ' ESK2KF3' D' BE' E2' ABEE ' ' N ' 3' '' 2KF3' F' 3' 2 F ' E123' KE' !' 3N24 ' SK BE' 4K ' NK' F2EAF2

' 22' (B11 B ') 2' 'E ' 2' BF KE32!

@ A2KMD' BE' 23'N '8' ' 3IF' 2' 3BCC2 ' A23' 'F43' A2' F BCN@2 ' A2LBK ' '' 2 2' L ' 3322 ' Q' F' F 3 2!

?' /' KCCK3' F 3 3' 4 'N HK3' E' 'F4K!QJ

3 '% !.' / 3 ' ' !' ;8!

@2' 'F4@' I '3' KF @2F' N KEA2F2A' LG' 2C2E ' ! ' I@B' 4 'FF 2A' B ' BE2' B ' 3' 2 1@ ' BF E @ 'E' 4B KCE3' B' E 3@' '' 4@ 'N2 ' ' ' @2' ' 2F 'E!' @2G' I2F2' BFC2F G' 7## ' 1 ' B'' 'E 4B!' K ' ' 3' 3 ' @2' CB3 ' 3 F 0 E1' 'EA' L2 'K K ' B ' @2' BC 'E' 'F4@23!

?' Q E34F N BE' 1F 'H22' 3KF' Q' F4' A2' BE3 'E E' 23 ' 4KF 2K32' N 'F' 2' H '1K2' A2' Q2MNF233 BE' 2E' 42' SK ' BK4@2' 'KM' A223' F2 1 2K323 ' N 'F' Q EA2'' 4 3 BE' 4 ' 4K 22' A23' 2FC 23' ABE ' 32' 32FH ' 'KE' 32E ' ' SK ' HBK ' ' 2H 2F' A2' 32' 4BC NFBC 2 F2' A ' E3' KE' 32E3' 4BC C 2' A ' E3' Q' K F2!' Q E34F N BE' NBF 2' SK2' 42 ' 'F4' '' 2 2' A2A 2' '' Q2C N2F2KF' N ' F42SK Q ' ' ' A2 HF2' '' F2NKL SK2' AQKE' GF 'E' BE' A ' 2E4BF2' '' F2NKL SK2' X ' N 'F' '' 1F 'EA2KF' A2' 3BE' C2' 2 ' KE2' E3N F' BE' A2' '') H E G' $ # 3#1' * $ # # .' 'N 'F' 'C2C2' SK2' 423' CB 3' BE ' 2 2' ' BK &' 'NF23' 4BKN' NBKF' F2C N '42F' KE2' B CK 2' N2K "2 F2' N K3' 2MN 4 2C 2E ' N' 2EE2!' 2' CBEKC 2E ' SK ' 4A2LF2' 2' F BCN@2' A2' BE3 'E E' E2' NFB4 ' C2' ABE2' N '3' 2E4BF2' E2 2C 2E ' 2' F BCN@2' AK' 4@F 3 'E 3C 2!' BC C 2E ' 3Q2E' 2 BEE2F ' SK 'EA' 3KF' 23' CBEE ' 23' A2' 42 ' 2C N2F2KF' BE' HB ' AQKE' 4B 2' 2' CBEB1V C C 2' AK' @F 3 ' 2 ' Q' K F2' d Q2 1 2' A2' BC 2 ' SK ' 2 ' ' KE2' A H E 2' NBKF' 23' N ' 2E3' RJ% ' 3 '! !.' / 3 ' ' !' 7\\!

2' EB I ' KFE' B' @2' "6 ' BF 1 E ' G' 4 ' 2A' @2' 'H 'E' CN@ @2 ' F2!' @ 3' H '3 ' LK A E1' I '3' L21KE' E' & ' 0 , ' KNBE' @2' 3 2' B ' @2' F232FHB F' B ' 2FB ' LG' @2' CN2FBF' 23T N '3 'E' I@B' LK ' '3' 'F' '3' @2' @ FA' FB I ' B ' 'F4@23' @2' '3 ' IB' FB I 3' L2 E1' E 3@2A' LG' K3' ' 2F' @ 3' F2 KFE' FBC' @2' 4BESK23 ' B ' U2FK3 ' 2C!' ' 3' 3 ' A' @' ' 9 <<<' 4 'N H2' U2 I 3' I2F2' 2CN BG2A' E' @ 3' I BFO ' '3' @2' 2LF2 I 3' E' LK A E1' @2' (GF 'C A3' B ' 1GN ' 'EA' @' ' @2' 2M 2FE' ' I ' 3' ' BE2' 4B3 ' '' 3KC' 2SK ' ' B' - <<< <<' F 'E43! ' ' 4BE3 3 3' B ' BKF' 3 BF 23 ' @2' F3 ') BF 4 ' @2' 324BEA' BE 4 ' @2' @ FA' 'EA' BKF @

BF E @ 'E!‘ 3‘ 4 F4KC 2F2E42‘ 3‘ ; : ‘ 22 ‘ 3‘ 2E1 @‘ 3 9, -‘ 3‘ I A @‘ ,9 ‘ 3‘ @2 1@ ‘ \-!‘ @2‘ 2E F'E42‘ BF‘ @2‘ 2CN2FBF‘ I '3‘ L2 I 22E‘ I B‘ 'F4@23‘ '4 E1‘ @2‘ 3S E2 ‘ I@2F2‘ @2F2‘ 3‘ EB‘ 4BFE 42!‘ 2F2‘ @2F2‘ 'F2‘ F2C ' E3‘ B ‘3 K44B‘ A24BF' BE!‘ E‘ @2‘ BNNB3 2‘ 3 A2‘ I '3‘ '‘ 3 C 'F‘ 2E F'E42‘ FBC‘ @2‘ (' ' E2!‘ B I 'FA3‘ !‘ * F21BF B‘ @'3‘ L22E‘ A 34BH2F2A‘ @2‘ 3KL 2FF'E2'E‘ N'33'12‘ E‘ I@ 4@‘ @2‘ CN2FBF‘ BCCBAK3‘ I '3‘ E2'F‘ L2 E1‘ '33'33 E' 2A!‘ @2‘ EKC2FBK3‘ @B 23‘ H 3 L 2‘ ' ‘ BH2F‘ @2‘ 2M 2F BF‘ B ‘ @2‘ LK A E1‘ I 2F2‘ C 'A2‘ E‘ @2‘ C AA 2‘ '123 ‘ B‘ 2M F'4 ‘ @2‘ FBE‘ 4F'CN3 ' ‘ @' ‘ C2‘ B ‘1F2' ‘H' K2!‘ @2‘ 'F2E '‘ I '3‘ 3KFFBKEA2A‘ LG‘ '‘ I ' ‘3K 4 2E G‘@ 1@‘ B‘ NFBT 24 ‘ @2‘ 3N24 ' BF3‘ FBC‘ @2‘ I A‘ L2'3 3 ‘ I@B‘ I 2F2‘ E FBAK42A‘ LG‘ 3KL 2FF'E2'E‘ N'33'123‘ 4 B32A‘ LG‘ @K12‘ 1' 23 ‘ FBC‘ @2‘ 3 A2‘ B I 'FA3‘ @2‘ 42 'E!‘ @2‘ 9 $ 8 ‘ 4BE ' E2A‘ @2‘ N '423‘ B ‘ @BEBKF‘ F232FH2A‘ BF‘ @2‘ CN2FBF‘ 'EA‘ @ 3‘ 'C G‘ @2‘ 2E' 2 ‘ 'EA‘ @2‘ 23 ' ‘H F1 E3!‘ @2‘ N '423‘ BF‘ @2‘ B @2F‘ 3N24 ' BF3‘ I@B‘ 2E 2F2A‘ LG‘ BN2E E13‘ 4' 2A‘ 5 0 7‘ I 2F2‘ 'FF'E12A‘ E‘ @F22‘ 3 '123‘ Z 75 K‘ 32N'F' 2A‘ LG‘ '‘ 1' 2FG‘ Z9 7 0 K‘ @2‘ F3 ‘ 3 ' 2‘ B E 1@ 3‘ 'EA‘ F LKE23 ‘ @'A‘ 9 :‘ 3 2N3 ‘ @2‘ 324BEA‘ BF‘ @2‘ 4BC CBE‘ N2BN 2 ‘ ; ‘ @2‘ @ FA‘ BF‘ @2‘ 3B A 2FG ‘ <!‘ @2‘ IBC2E ‘ LG‘ BFA2F‘ B ‘ @2‘ 2CN2FBF ‘ 3' 2‘ 'N'F ‘ FBC‘ @2‘ C2E ‘ 'EA‘ C 'FF 2A‘ 'EA‘ CC 'FF 2A‘ C2E‘ I 2F2‘ ' 3B‘ A H A2A!‘ @2‘ I@B 2‘ LK A E1‘ I '3‘ NFBL 'L G‘ 4 'N 'L 2‘ B ‘ 4BE ' E E1‘ << <<<‘ N2F3BE3!‘ ‘ @2‘ BN‘ BE‘ @2‘ 2M 2F BF ‘ C 'G‘ L2‘ 322E‘ @2‘ F2C ' E3‘ B ‘ @2‘ 4BE3B 23‘ I@ 4@‘ 3K3 ' E2A‘ 2‘ 5 #7 8 ‘ I@ 4@‘ I '3‘ AF' I E‘ BH2F‘ @2‘ 'F2E '‘ B‘ 3@2 2F‘ @2‘ 3N24 ' BF3‘ FBC‘ @2‘ 3KE‘ BF‘ F' E!‘ @2‘ 'F2E '‘ 4BK A‘ BE‘ B44 '3 BE3‘ L2‘ 2A‘ I @‘ I ' 2F‘ BF‘ @2‘ 3 'O2‘ B ‘E 'H' ‘ 4BCL' 3!

B @ E1‘ 3‘ OEB I E‘ I @‘ 42F ' E G‘ '3‘ B‘ @2‘ 'F4@ 24 ‘ B ‘ @2‘ B 32KC ‘ @BK1@‘ '‘ F'A BE‘ B ‘ @2‘ 4@KF4@‘ BKEA2A‘ BE‘ 'E‘ E34F N BE‘ E‘ @2‘ 4FGN ‘ B ‘ !‘ 'F EB‘ ' ‘ BE 2 ‘ '34F L23‘

B' *'KA2E K3'' ' @F 3 'E' C'F GF' I@B' ' 2F I 'FA3' 3 2F2A' BE' @2' 3NB !

?' E'C2' B ' @2' 'F4@ 24 ' B' I@BC' @2' 1F2' ' I BFO' B ' @2' B T 32KC' I '3' 2E FK3 2A' @ '3' EB ' 4BC 2' AB I E' B'K3!' @2' 'E4 2E 3' 322C' @2CT 32 H23' B' @ 'H2' F21 'FA2A' @ 3' E'C2' '3' '' C ' 2F' B ' 2' E 2F23 D' EBF' E' '4 ' AB' @2G' 12E2F' G' 4 'F2' B' 3N24 G' @2' 'K @BF3@ N' B ' @2 F' CB3 ' K3T F BK3' LK A E13!' @2' F2 '3BE' 3' BLH BK3!' @2' BFC 3' B ' 'E4 2E ' 'F ' E' @ 3'=A2N'F C2E ' I 2F2' ' CB3 ' I @B G' 4BEH2E BE' ' 'EA' @2' C 3' B ' A23 1E' I @ E' I @ 4@' @2G' I 2F2' 2M24K 2A' 1 'H2' 2' FBBC' BF' @2' A 3N 'G' B 'BF 1 E' ' '3 2' 'EA' 3N24 ' '4@'F' 4 2F!' ! ! ! ! ' ' 3' BE G' E' N2F BA3' B '24 24 4 3C' 'EA' F2E' 33' E42 ' I @2E' @2' '3 2' B ' @2' 'F4@ 24 '@ '3' I A2F' 34BN2 ' 'EA' C 'G' 2 'A' @2' 2G2' E3 2 'A' B ' B BI E1' ' @ ' ' E 2F23 ' ' '4@23' B' @ 3' N2F3BE' ' C2F !' @K3' ' 3' @ ' ' @2' B 32KC ' @2' CB3 ' 4BET 3N 4KBK3' GN2' B ' BC 'E' 4 H 3' BE ' @2' CBEKC 2E ' I @ 4@' A H A23' @2' 'AC F' BE' B ' 3 F'E12F3' E' CBA2FE' BC 2' I @' !' (2 2F{3' 32 ' 3' E'C2 233' 'EA' N'F2E 233 ' I @ 2' 2H2FG' 3 '12' E' @2' 4BE3 FK4 BE' B ' @2' 1F2' ' @F 3 'E' 2CN 2 ' @2' 4F2' BE' B ' '' C BA2FE' F2H H ' ' 3' 'NNFBNF ' 2A' I @' 2 ' BK3' 4 'F2' B' 3' 3N24 ' ' 4 ' C 'E 3!

@2' A2A 4' BE' B ' @2' B 32KC' ' BFA2A' B' K3' 'E' BNNBF KE G' BF' '' A 3N 'G' B ' C '1E 42E42' @ @2F B' KEF H ' 2A!' ' L ' 2' B ' 4F' E23' I @' A I 'F 3' F2NF232E E1' @2' N 1C 23' I '3' '' 'E4 K ' EBH2 G ' 'EA' C 1@ ' ' BFA' A H2F3 BE' BF' '' C BC 2E D' @2F2' I 2F2' 4BCL' 3' B '1 'A ' BF3 ' ' C BE1' I @BC' I BC 2E' I 2F2' E4 KA2A ' @BK1@' EB' EBL 2' C ' FB I '3' ' B I 2A' B' C E1 2' E' @2' F'G' D' 'EA' @2' 4 'N' 4 G' B ' @2' H '3 ' 2A 42' I '3' 23 2A' LG' @2' 3 'K1@ 2F' B ' H2' @BK3' EA' 'E C ' 3' E' 3' 4 F4K !' { @2' 3@B I' I '3' 4FB I E2A' I @' @2' C C 33 BE' B ' I ' 2F' E B' @2' 'F2E ' ' 'EA' I @' ''32' '" 1@ ' F2NF232E E1' @2' 4BE 23 3' B ' @2' BF E @ 'E3' 'EA' BF4GF2 'E3 ' F2 ' 2A' LG' @K4GA A23!' ! ! ! @2E' ' ' I '3' BH2F ' K3' @ C 32 ' I '3' 322E B' I 22N ' N2F@ 'N3' FBC' ' 1K2 ' NB33 L G' FBC' H2M ' BE' 'EA' A 31K3 D' LK ' @ 3' 2 'F3' I 2F2' E 2FNF2 2A' '3' '' NF232E C2E 'B '@ 3' A2 ' @ ' I @ 4@' I '3' EB I ' CN2EA E1 ' ' 'EA' ' 3' NFBL' L 2' @' ' @2' I '3' ' F2 'AG' 3K 2F E1' FBC' '' A2T 4 E2' B 'LBA G' 3 F2E1 @!' ! ! ! ! 2' ' [2E 2A' 2 2C E' 2 G' @2' NF2C ' T KF2' A242 '32' @2' BB' 3KF2 G' 'E 4 N' 2A ' 'EA ' BBO E1' I 3 K G' ' ' @2

' @ 3' E34F N BE' BKEA' E' @2' 4 ' '4BCL' B ' ! 1E232 ' FKE3' 0

' 4' NF' 2C '' 32FH '3' 23N '3 'E2' A F2'
(F2C ' K3' 23' CBF 2' * ' KA2E ' 2 ' F2'
H ' 3' KL ' 1 BF 2' 32' 'K BF
(FB 3 ' 3 2' #F 3 K3' BCE '' L '
>K ' ' KC' N 'F' H ' @2' FKC' E' 4B2 B!{

: 9 ' =' /

@2'H2E3' 2M4 ' C 2A' @' ' @2' A A' EB 'A232FH2' B' A 2!' 2' 2MN F2A' BE' @2' 7 @' 2N 2C L2F ' , ' EB ' @'H E1' SK 2' 4BC N 2 2A' @ 3' BF 2 @' G2'F!J%' ! * "!.' 4@!' "M

?' 'AF 'E' 1 'H2' '' 32F 23' B '2E 2F ' EC 2E 3' E' @BEBKF' B ' @ 3' L @"A'G' Y I @ @2' 3 'K1@ 2F' B ' '' @BK3' EA' L2' 3 3 ' E4 KA E1' '' @KEAF2A' BE3' 'EA' '3' C 'EG' BE23323!' E2' C ' 1 4 ' ' 342E2' I '3' @2' F2NF232E ' BE' B ' BF23 3' I @2E' @2' = I @B 2' 'F2E '' L24 ' C 2' N 'E 2A' I @' H E1' F223 ' 3@FKL3 ' 'EA' B I 2F3' D' B' 4BC N 2 2' = I @ 4@' K3 BE' @2' 1FBKEA' "HH'3' C 'A2' B' BN2E ' 'EA' 32EA' BF @' I A' 'E C ' 3' FBC' G ' I E E1' 4 2 3 ' E3 'E G' F2"4BH2F2A' I @' LK3@23!

?' E2' C 'G' C ' 1 E2' @2' F'E 4' 2M4233' B' I @ 4@' @2' '3 2' BF' 1 'A 'T BF ' '4BC L' 3' I '3' 4 'FF 2A' E' BC 2 ' FBC' @2' NF2H2E H2' ' I 'B ' K1K3 K3' @' '1 'A ' BF3' 3@BK A' EB' C BF2' 4BC L' ' I @BK 'N2FC 33 BE' B ' @2' 32E' 2D' @' ' NFF2 BF3' 3@BK A' EB ' 1 H2' @232' 3N24 '4 23' C BF2' @' E' I 42' '' G2 'FD' @' ' C BF2' @' E' 3 M G' 4BKN 23' 3@BK A' EB ' 2E1 '12' ' ' @2' 3' C 2' C 2' D' 'EA' @' ' E2 @2F' OE 1@ 3' EBF' 32E' BF3' 3@BK A' 2H2F' 4BE 2EA' E' @2' 'F2E' !' @2' 1 'A ' BF3' I 2F2' 4 '33 2A' '44BFA E1' B' @2' E ' BE' ' C 'EE2F' B ' 1@ E1' I @ 4@' @2G' C ' 2A!' @K3' I 2F2' A 3 E1K 3@2A' @2' *B @ 4 ') '4 'E ' @F'4 'E ' 'EA' 'C E 2' 4BC L' 'E 3D' @2' !# .' I @B' 2E 'E1 2A' @2 F' BNNBE2E 3' E' E2 3' @FB I E' I @' @2' 2 ' @'EA ' A2 2EA E1' @2C 32 H23' I @' F A2E 3' E' @2' F 1@ D' @2' --1# ! .' I @B32' 3N24 ' ' 3O ' I '3' E' NKF3K ' D' @2' 0$! # ! .' I @B' @F2 I '3 E13' '1' E3 ' @2 F' AH2F3' F 23D' M $ -%#;' 'FC 2A' I @' ''3@BF ' 3 I BFA' E' 2 '4@' @' EA' D' @2' " '" 3 -%.' 'FC 2A' ' ' ' ' NB E 3' D' @2' 3 "" $! .' 3B' 4 ' 2A' FBC' @2' 1KF2' B ' '' 3@' ' ' @2' 4F23 ' B ' @2' * ' 4' @2 C 2 ' @2G' I BF2' D' @2' ? #1 .' I @B' BK1@ ' ' ' KE2F' ' 1 ' C 23' D' @2' ! # .' I @B' BE G' '33' 2A' 'E C ' 3' D' B @2F' 4 '3323' I @B' BK1@ ' BE' @BF32L ' 4O ' 4 ' 2A' 'EA' @B32' 4BC L' E1' E' 4@' F B 3 AF' I E' LG' I B' @BF323 ' !5 ' * 'A ' BF3' Y I2F2 BF 1 E ' G' 3 'H23 ' BF' NF 3BE2F3' B ' I ' FD' LK ' @2' 'FC 23' I @B' 4BE 2EA2A' BE' @2' BC 'E' 'F2E'' E' ' 2F' 2NB2@3 ' I 2F2' A H A2A' E B' 4BC NK 3BFG' 'EA' HB KE 'FG' 4BC L' 'E 3 ' @2' BFC 2F' ' BE2' 4BC NB32A' B ' 3 'H23 ' BF' 4BEA2C E2A' 4F C E ' 3!' @2' ' 2F' I 2E ' @FBK1@' '' 'LBF BK3' 2AK4' BE' E' @2 F' 'F ' 3KNNBF 2A' ' ' @2' NKL 4'4B3 ' ' EA' E3 FK4 2A' LG' E '3 2F3' 4 ' 2A' $ #--.' F23 A2E ' E' 4B 2123 ' 4' 2A' 15 ' B' @2' 2 2FE' ' A 31F' 42' B ' @2' C BF' 3' B ' C N2F ' ' BC 2 ' ' 3' F24BFA2A' @' ' I BC 2E' 3BC 2 C23' BK1@ ' E' @2' 'F2E' ' I @BK ' C BF2' C BA23 G' @' E' @ F2A' 1 'A ' BF3!' @2' 2M@ L BE' B ' @ C 32 ' E' @ 3' 4@' F' 4 2F' LG' BC C BAK3 ' I '3' ' A21F' A' BE' B ' @2' C N2F ' ' A 1E G ' N2FT @' N3' C BF2' E ' C BK3 ' '44BFA E1 ' B' 'E4 2E ' BC 'E' EB BE3 ' @' E' @2' @2' F 4 ' ' N2F BFC 'E423' B ' 2FB!J% !3 ?# ' # ' Q? $13!### ' $ 3!

@2 CN2FBF BCCBAK3 % & , <" ,9 F2SK2E G BK1@ E @2 B 32KC @ C32 'EA 0 2A LB @ 1 'A ' BF3 'EA I A L2'3 3 4' E1 @ C32 2F4K 23 AF2332A E '' BE3" 30 E I @ @ 3 @' F 3NF E0 2A I @ 1B A"AK3 !

@2 1 'A ' BF ' 4BCL' 3 4'C2 B 'E 2EA I@2E E & :<7 'E BF 2E ' CBEO E'C2A 2 2C '4@K3 I '3 3B @BFF 2A ' @2C @' @2 FK3@2A E B @2 C A3 B @2 'F2E' 'EA L23BK1@ @2 3N24 ' BF3 B F2EBKE42 @2C 0 E3 2'A B 3 2E E1 B @ C @2G 3 BE2A @ C B A2' @! @2 F3 C'FT GFABC @2F2 I '3 @' B ! 1E' K3 3' A B @'H2 L22E @2 4@ A 23N24 ' G L 2332A LG BKF 'H BKF% @2 A 34 N 2 B UB@E % 'EA @2 4BCN'E BE B (B G4'FN% I@B I '3 32E @2F2 FBC E B4@ I@2F2 @2 IC3 L 3@BN! @2E LFBK1@ E B @2 'F2E' @2 0E2 ABIE 'EA 2M4 ' C2A ? BC'E3 I@B 'F2 NF232E 0EBI' @' @'H2 EB L22E LFBK1@ E B @ 3 N '42 BF 'EG 4F C2 LK E BFA2F @' LG @ 3 C2'E3 'C'G C2F @2 FK BE B @2 1 BFG B *BA BF BH2 B I@BC @'H2 L22E C'A2 NF 3BE2F! 'C '3 @2 1F' E B @2 2A 'EA CK3 L2 1FBKEA LG @2 22 @ B @2 BE3 @' R C 'G L24BC2 LF2'A BF 3 'L 2!J @2 BE3 I2F2 @2E 2 BB32 'EA A2HBKF2A @ C 2M42N @2 'F12F LBE23 I@4@ @2 @F 3 'E3 4B 24 2A AKF E1 @2 E 1@ !

? ' 3'F2 ' 2A'B ' 1E' K3 @' '@2'1F2I' N E'3K4@' EEB42E42' B '@2'F ' 'EA NKF G'B ' 2 @' ' B'@ C ' I '3'1F'E 2A B @2'F' @2' 'E12 3' 3 E1' @2E42' I@2E' @2' L24'C2' L 3 BN B ' E B4@' @2' E FBAK42A E B' @2' 32FH 42' B '@ 3' 4@KF4@' @2' NF'4 42' B ' 3X@1 E1' @2' NF' 323' B ' *BA E' F23NBE323 '3' @2' @'A' @2'FA' @2' 4@B F3' B ' 'E12 3' 'E3I2F E1' 2'4@' B @2F! ! ! ! ! 3' 3 BFG' 'EA' ' 2' 'F2' 3B' I 2 ' ' 23 2A' 'EA' 3B' 3KL C2G' ' 24 E1' @' ' ' @'3' ' I 'G3' L22E' B' C2' '' 4'K32' B '3KFNF 32' '3' I 2 ''3' F21F2 ' B' EA'3B' 2 I 'F2NF232E ' BE3' B '@ C !J% $! $ - !5 # ;87!

BBE ' 2F @2 A2 @ B 1E K3 \ @F 3 'E3 I2F2 3@B ABIE @2F2 I @ 'FFBI3! $EA2F 'AF 'E & 9 , ' '

, ; 7 ' ' /

N' F 4 'E' E' C 2A' ('4 AK3 ' @ 3' =I 2' @2BN@ 3 '' 'EA' @ 3' @HB' 3BE3 ' I 2F2' F3 ' 2MNB32A' @2F2' B' @2' I A' L2'3 3 ' LK ' Y ZH@2E @232' F2 K32A' B' BK4@' @2C' I 2F2' 3@K ' KN' E' '' LF'P2E' LK ' 'EA' FB'3 2A' LG' '' F2' 1@ 2A' L2E2' @!' E' 9\7 ' LABE' 'EA' 2EE2E ' I B' F 4@' 4 P2E3' B ' 'LG BE ' "I2F2 2MNB32A' @2F2' B' I B' BE3' 'EA' BKF' L2'F3 ' LK ' BE' @2 F' F2 K3 E1' B' ' '4O' @2C ' I 2F2' O 2A' LG' @2' 3 I BFA3' B ' @2' 1 'A ' BF3!' E' !) !' 9\8 ' 2C NFBE K3 ' GCN K3 ' @2BAK K3 ' 'EA' MKN2F ' ' I 2F2' LKFE ' ' ' @2' 2E F 'E42' B ' @2' B 32KC ' L2 BF2' @2' 3 ' K2' B ' @2' KE!' E' & ' 9-9 ' '!' (F 34 '' I '3' H' E G' 2MT NB32A' @2F2' B' '' BE ' @2E' 3 'FH2A' BF' @F22' A'G3 ' @2E' 3 F2 4@2A' BE' '' F '4O' B' @ 'H2' @2F' 23@' BC ' LG' FBE' @BBO3 ' @2E' NK ' E B' '' KFE '42 ' 'EA% @ 'H E1' 3KFH H2A' ' ' @232' BFT C2E 3% I '3' E' G' L2@2 'A2A!' E' & ' 9-- ' '!' 'F E' ' 'EB @2F' EBL 2' BC 'E' 'AG ' I '3' 2MNB32A' E' H' E' B' @2' L2'3 3' 'EA' ' 2F I 'FA3' L2@2 'A2A' E' @2' B 32KC!' !' 2M 'EA2F' KEA2F' E BE EK3' D !' (B K3 ' ; ,' D !' 2K @2'" F K3 ' L 3@BN' B ' GF ' ' KEA2F' 'AF 'E D !' 'M CK3 ' 3BE' B ' '' 32E' BF ' 9 , RD' 'EA' K3 ' F2342E ' '' 'EA' BA23 ' ' KEA2F') BC 'E ' I 2F2' ' 3B' C 'F GF2A' @2F2!6

? ' 3' EB' 4 BE ' LK ' N ' E ' 3BL2F ' @BE23 ' FK @ ' B' 3 ' G0' 3B' 3K1123 H2' 'EA' A 3 E4 ' 3' ' ' ' @ 3' @BKF' D @' ' BF' '' C BC 2E % '4 K' G' E' N '33 E1' E% @2G' I @B' I ' C 'G' @ 'H2' @2' I @B 2' 1F2 ' ' N 2' L2 BF2' @2C ' '3' ' K32A' B' L2 ' I @' @BK3 'EA3' B ' 2 '12F' '423' 3 'F E1' AB I E' E B' @2' 'F2E' ' 'EA' 3K4@' '' I @ F ' B ' 3 F 2 ' 'EA' L BBA ' 'EA' AK3 ' 1B E1' BE' @2F2 ' ' 3' EB' 'E1K '12' 4 'E' A234F L2!' 3 3B KA2 ' 3' ' I 6 K ' L2 'K G ' 'EA' 3' K 2F' A23B ' BE ' 3 F O2' KNBE' @2' 3 F 'E12F ' @2' E2M ' C BC 2E ' O2' '' 3B 2E2A' 3BFFB I D' 'EA' E2H2F' E' @ 3' 2 ' N2F@ 'N3 ' I ' @2' L2' 3B' C BH2A' 'EA' BH2FT 4BC 2' LG' 'EG' 3 1@ ' EB ' C C 2A ' 2 G' 4BEE24 2A' I @' @ 3' B I E' ' 24 BE3' 'EA' ' 4 BE3!

6 ? B' 322' ' 4FK C L E1' @2F2 ' 'E' E4@' '' G 2 ' F D' 3' I ' 3' 'EA' 'F4@23' BH2F1FB I E' I @' 1F22E ' 3' 4BFF O BF3' BN2E' B' @2' A ' G D' @2' BE1' 1F'33

;' 22' 2C 'E3(' @B 4' ' G!

1FB I E1' E' 3' NBF4@23'Ð GBKE1' F223'B 'G23 2FA'G' 3NF E1 E1' KN' BE' 3' F'112A'N'F'N2 3 ' 'EA' L2 'F E1' FK Ð 4@'E42' NFBAK42'B ' @2' 322A3' AFBNN2A' @2F2' LG' @2' L FA3' I @B' LK A' @2 F' E23 3' I @ E' 3' 4@ EO3' 'EA' 4F 'EE 23'Ð B' 322' 3'N 'B ' 1@ ' 2A' KN' I @' 2'F @ ' 'EA' @2' N2 '42 K '4FB33'N 'E 2A' E' @2' 42E F2Ð B' 4 CL' E B' 3' KNN2F' @ ' 3 ' 'EA' BBO' AB I E' BE' FK E ' FK E ' FK E ' ' ''LBK ' Ð @2' F KCN@ ' ' 'F4@23'B ' BE3 'E E2 ' 2N C K3' 2H2FK3 ' 'EA' K3 ' @2' BC 'E' BFKC ' @2' (' '42'B ' @2' F23 'F3 ' @2' 2CN 23' B ' @2' B A' F2 1 BE ' ' 2E' AB I E' 'EA' 1BE2' Ð 3' B' 322' @2' 1@B3 ' B 'B ' BC 2 ' I 4O2A ' I BEA2F K ' B A' 4 G ' @ ' KE E1' @2' H2FG' 1FBKEA' BE' I @ 4@' 3' N2BN 2' FBA!' ' 3' @2' CB3 ' CNF233 H2 ' @2' CB3 '3 ' 2 G ' @2' CB3 '3B 2CE ' 1F'EA ' C ' 23 4 ' CBKFE K ' 3 1@ ' 4BE42 H ' L 2!' 2H2F ' E' 3' L BBA 23 ' NF C2 ' 4 'E' @2' 3 1@ ' B ' @2' 1 1 'E 4' B 32KC ' K ' 'EA' FKEE E1' BH2F' I @' @2' K3 23 ' 2 ' @ 'H2' CBH2A' BE2' @2 'F ' '3' ' CK3 ' CBH2' ' ' I @B' BBO' KNBE' 'EB I ' ''FK E!' * BA' L2' @ 'EO2A' Ð ''FK E' X

? 3' ' BN3' ' ' B @2F' FK E3Ð 3 'EA E1' @2F2 ' '' CBKE ' E' ' CBE1' 1F'H23' Ð 3B' AB' 3' 'E4 2E ' E K2E423' BK H2' ' 'B @2F' F2CE 'E 3' B ' @2' B A' CG @B B1G' 'EA' B A' LK 4@2FG' B ' BC 2 ' E' @2' E ' KF2' B ' @2' 2F42' 'EA' 4F'2 ' BC 'E' N2BN 2!' @2' ' 'E' '42' 4@ 'E123' '3' @2' H 3 BF' 'NNFB '4@23' @2' 4 G' Ð 3' L2 'K G' L24BC 23' A2H 3@' Ð ' 'EA' @2F2' 3' 34 'F42 G' BE2' 4BKE 2T E 'E42' E' '' @KEAF2A ' ' CBE1' @2' 4BC CBE' N2BN 2' E' @2' 3 F22 3 ' @ ' ' I BK A' EB ' L2' ' ' @BC2' 'EA' @ 'NNG' E' '' F2EBH ' 2A' B 32KC ' B"C BFFB I !J% '

- !$

@2' 3NB' I @2F2' @2' @F 3 'E' C 'F GF3' 3K 2F2A' 3' EB I' C 'FO2A' LG' '' ' 4FB33' A2HBK G' O 332A' LG' @2' @ K % 'EA' ' ' FBKEA' @2' 'F2E'' B ' @2' B 32KC ' 'F2' @2' 3C ' ' 4@ 'N2 3' BF' ? 3 ' BE3 J' K32A' E' @2' '' C4 3 ' I @ 4@' 3' BL32FH2A' @2F2' ' ' :' ' 2H2FG' F A 'G' I @2E' '' 4BE F ' 2FE G' 4 B @2A' E' 1F2G' I @' BE G' @2' 2G23' H 3 L 2 ' 3' B B I 2A' LG' '' 4FB I A' B ' I BF3@ NN2F3' I @B' 4@ 'KE ' 'EA' NF 'G' ' ' 2 '4@' 3 ' BE' E' KFE % ' ' 2F' I @ 4@' '' 'NK4@ E' NBEO' NF2 '4@23' FBC' '' NK N ' BE' @2' 2 ' B ' @2' 'F2E' ! @232' 32FCBE3' 'F2' B 2E' H2FG' 3 F O E1 ' L2 E1' A2 H2F2A' E' '' 'C 'F' 3 G 2 ' 'EA' KNBE' NBNK 'F' 3KL 24 3' B ' @2' A 'G ' LK ' @2G' ' 3B' B 2E' LBFA2F' BE' @2' LKF 23SK2!

// 3 I ' A' HBK K ' ' 2F' ' ' B 322' NBKF' 2E 2EAF2 2' 'NK4 E' SK ' A2H ' ' G' NF24@2F' 2E' N 2 E' ' F' 'K' N 2A' A2' KE' A23' 'K 2 3' SK ' A23 1E2E 'A' E3' Q E"

2F 2KF‘ A2‘ ⇩2E42 E 2 ‘ 42‘ SK⇩BE‘ ‘NN2 2‘ ” ‘ 1#!‘ 5!‘ ” ‘ C‘ >K2 ‘ N K3‘ L2 ‘K‘ 3K 2 ‘ NBKF‘ ⇩2 BSK2E42‘ SK2‘ ⇩‘3N24 ‘ A2‘ 42‘ CBEKC2E ‘ SK2‘ 42 2‘ ‘F2E2‘ BK‘ 23‘ C ‘F GF3‘ BE ‘ 3K442A2‘ ‘KM‘ 1 ‘A ‘ 2KF3‘ ✗ ‘ 3‘ ‘E2‘ ‘K ‘F 2E‘ 23N2F2F‘ ‘42 ‘21 ‘FA‘ AK‘ N ‘KHF2‘ ‘NK4 E ‘ SK ‘E2‘ 4BEE ‘ ‘ A2‘ ⇩@ 3 B F2‘ A23‘ @BC C 23‘ SK2‘ 3‘‘ NFBNF2‘ H 2!‘ 2 ‘E C B E3 ‘ 3 ‘ ⇩BE‘ N ‘FH 2E ‘ ‘‘ E2‘ N ‘3‘ 24BK 2F‘ 3BE‘ C ‘KH ‘ 3‘ 32FC BE ‘ BE‘ 2‘ 32E ‘ ACK‘ N ‘F‘ 23‘ A H2F3‘ BL 2 3‘ ABE ‘ ‘ 23 ‘ 2E BKF2!‘ ‘‘ N KN ‘F ‘ A2‘ 323‘ ‘KA 2KF3‘ 3BE ‘ A2‘ ‘‘ 4BE F2F 2‘ A23‘ ‘C ‘ AK 23‘ ⇩‘ 3‘ 32‘ F2H2 2E ‘N2EA ‘E ‘ 23‘ 2M2F4 323‘ F2 1 2KM ‘A⇩KE2‘ 23N 42‘ A2‘ FBL2‘ 1F 32‘ SK ‘4BKHF2‘ 2E 2F2C 2E ‘ ‘‘ 2 2‘ 2 ‘ 2‘ 4BFN3 ‘ 2 ‘E2‘ ‘ 33 ‘SK2‘ A2KM‘ N2 23‘ BKH2F KF23‘ NBKF‘ 23‘ G2KM⇩‘ 4⇩23 ‘‘ E3 ‘SK2‘ 23‘ BC LF23‘ NBKF“ F‘ 2E ‘2 F2‘ F2NF232E 223!‘ 23‘ LBC C 23 ‘ ‘ E3 ‘4 ‘4@23‘ 3BK3‘ 2KF3‘ H2 2C 2E 3 ‘ 32‘ NFB3 2C 2E ‘ ‘‘ ‘42‘ 4BE F2‘ 2FF2 ‘ 2 ‘32‘ F‘ NN2E ‘ ‘‘ NB F E2!‘ >K ‘EA‘ 2‘ NF2A 4 ‘ 2KF‘ 32‘ 2 2‘ ‘‘ 12EBKM‘ 2E‘ 4F ‘E ‘ 3 # - 5!‘ !# ‘ # -$ 2‘ N2KN 2‘ SK ‘ ⇩2EH FBEE2‘ 32‘ 2 2‘ ‘K33 ‘ ‘12EBKM ‘ 2 ‘F2N2 2‘ 42‘ C 2C 2‘ 4F ‘ SK ‘H ‘‘ 32‘ N2FAF2‘ 3BK3‘ 23‘ H 2KM‘ NBF SK23‘ AK‘ B 322!‘ ‘23 ‘ C NB33 L 2‘ A2‘ E2‘ N ‘3‘ 2NFBKH2F‘ ‘ BF3‘ KE2‘ 2C B BE‘ NFB BEA2C 2E ‘ F2 1 2K32‘ ⇩‘ 42 ‘‘ NN2 ‘ A2‘ ‘‘ AB A2KF‘ ‘‘ ‘‘ LBE 2 ‘ A2‘ ‘‘ 2FF2‘ ‘K‘ 4 2 ‘ F2C K2‘ ‘ C 2‘ K3SK2‘ A ‘E3‘ 3BE‘ 3 ‘E4 K ‘ F2‘ 2 ‘ N K3‘ E C 2 >(5 3!‘ 5!‘ # -“

H‘ ⇩23 ‘‘ K BKFA⇩@K ‘ 2EAF2A ⇩‘ A ‘ * KG ‘ / ‘ ‘G‘ ‘KF‘‘ BK 2‘ ‘K‘ B 322 ‘ ‘H ‘KAF‘ ‘C 2KM ‘ 2‘ 4FB 3 ‘ G‘ ‘ 2F‘ KE‘ ‘K F2‘ BKF!⇩

?‘ / BE ‘ EBE ⇩‘ A ‘ H2 E2 ‘ /‘ 4⇩23 ‘ NF24 32C 2E ‘ NBKF‘ 42 ‘‘ SK2‘ 2‘ H2KM‘ G‘ ‘ 2F!‘ E‘ C⇩‘‘ A ‘ SK⇩ ‘ ‘ ‘ ‘ ‘‘ HB F‘ ‘ E3 ‘F2C N ‘A2‘ C BEA2 ‘ 2 ‘SK2‘ A⇩‘ 2KF3‘ 42 2‘ A 2‘ 2 ‘ ‘ 4KF 2K32!‘⇩

?‘ /‘ 2‘ E⇩23 ‘N ‘3‘ KE2‘ 2 2 ⇩‘ A ‘ * KG‘ 1F ‘H2C 2E ‘ /‘ 4⇩23 ‘KE‘ 3 C N 2‘ ‘4 2‘ A2‘ A2HB BE+S K‘ 32‘ F2N2 2‘ BK3‘ 23‘ 2EAF2A 3!⇩

?‘ / E‘ H2F 2 ⇩‘ A ‘ H2 E2 ‘ /2 ‘ NBKFSKB ‘ 2‘ 2EAF2A ‘ R⇩

?‘ /‘ (‘F42SK2‘ 4⇩23 ‘ 2‘ BKF‘ B ‘ @F 3 ‘ 23 ‘ CBF ‘ NBKF‘ EBK3⇩ N ‘F‘ 42 2‘ F‘ 3BE ‘ HBK3‘ E2‘ ⇩ 1EBF2P‘ N ‘3 ‘ 42‘ BKF‘ 23 ‘ A2C 2KF2‘ 4BE3 ‘4F2‘ A ‘E3‘ 2‘ CBEA2‘ @F2 2E‘ ! ! ! ! ‘ A ‘E3‘ 2‘ CBEA2‘ 4 ‘ @B SK2‘ AK‘ CB E3 ‘⇩‘ F2NBEA ‘ * KG!

?‘ / ‘ 3‘ ‘‘ SK2 ‘ NFBNB3‘ 4@B 3 “BE‘ 2‘ B 322‘ NBKF‘ 3⇩G‘ F2KE F‘ 42‘ BKF‘ R⇩

?‘ / (‘F42SK2‘ 2‘ B 322‘ ‘‘ 2 2‘ L ‘ 1E2‘ AK‘ 3 ‘E1‘ A23‘ C ‘F GF3‘ 2 ‘SK2‘ 2KF‘ 3BKH2E F‘ 32‘ C 2 2‘ ‘‘ N K3‘ SK⇩ 2KF3‘ ‘‘ 42 K ‘A2‘ ‘‘ 4FB M‘ NBKF‘ ‘SK2 2‘ 3‘ ⇩BE ‘H2F32!⇩‘ J % ‘ 1&1 #1 ‘ *!$‘ $‘ $$!‘ !*! $

@2‘ NK N ‘ B ‘ @2‘ B 32KC‘ I ‘3‘ K32A‘ BF‘ @2‘ 3 BFCG‘ 32FCBE3‘ B ‘ * ‘H ‘PP ‘ I @B‘ 4 ‘ 2A‘ @2‘ N2BN 2‘ B‘ ‘FC3‘ FBC‘ @2E4A‘ E‘ @2‘ F2HB K BE‘ ‘ ‘F4@‘ , : , !

‘ 3‘ I 2 ‘ I BF @‘ I @ 2‘ B‘ ‘342EA‘ B @2‘ KNN2F‘ 1 ‘ 2F 23

'' C'E I@B H23 E2'F @2 2E F'E42 FBC @2 BFKC I BN2E '' B4O2A ABBF BF @2 NKFNB32 ' '3 @2E BE G 3 NB33 L 2 B F2' P2 @2 H'3 3 P2 'EA 1F'EA2KF B @2 LK A E1!

H :. ,9-!% '3 G' I2' '342EA2A' B' @2' BN' B ' @2' B 32KC ' KE32E' 2'H E1' K3' ' ' @2' ABBF ' B' 1B' @BC 2' ' EA' ' 32' 2A' C G32 ' K3 ' 'LB 2' @2' C ' E' 2E F'E42 ' B I 'FA3' @2' BFKC ' 'EA' @2F2' BBO' C G' 'F2T I 2 ' BBO' BH2F' BC 2!' " ' I '3' ''A2 4 BK3' 2H2E E1 ' 'EA' 2H2FG @ E1' I '3' BBO E1' B' 'AH'E '120% @2' @K12' B 32KC' K3 ' KEA2F' C 2 ' @2' K 3' B ' 2M' 'EA' ' 2CK3' 'EA' B @2F' 3@FKL3' @' ' F E12' @2' I ' 3' 2H2FG I @2F2' E' @2' B I 2F' N'F ' I @ 2' @2' BK 3 A2' I ' ' I @' 3' BN' B '1 1'E 4'3 BE23 ' 3' 32 '@ 1@' 'LBH2 ' 'EA' 322C3' O2' '' CBKE ' E' L' FF 2F' B ' L 'F2' FB4O ' 2E4 B3 E1' '' 1F22E' 'EA' H' F 2A' H' 2G!' ' 3' ' 'EA' 1 'P2A' KNBE' @2' 342E2' I @' 'E' E 2E32' 'EA' C E1 2A' 22 E1!' @2' I BF A' 4BK A' 3@B I 'EB @ E1' 1F' EA2F0' ' I '3' BE2' I @ 4@' BF' G2 'F3' '@ 'A' BE12A' B' 322 ' 'EA' ' I '3' EB I ' BBO E1' ' ' BF' @2' '3 ' C 2!' @2E' ' '3 ' 322' @2' ABC 2' B ' !' (2 2F(3' '3@' '322C' B' L2' N'F E1' FBC' CBF2' @ 'E' '' C 2F2' B I E' K ' B ' 4KF B3 T 23' I @2F2' @2' 2G2' @ '3' L22E' ' CK32A ' 'EA' @2' E 2 24 '1F' 2A!' ' E2H2F' @BK1@ ' B' @ 'H2' 2 ' @K3' 2EA2F G' B I 'FA3' BC 20' LK ' @2' E2MN 4 'L 2' 3B 2CE G' 'EA' L2 'K G' B ' @2F' FK E2A' 4BEA BE' @ '3' SK 2' L2 I 4@2A' C2 ' 'EA' B' @2' ' 23 ' @BKF' B ' C G' 2' '3@ ' 'F2C 2C L2F' @2' BFKC ' @2' 3KFT FBKEA E1' @ 3' 'EA' @2' C '1E 42E ' B 32KC !J% $ "57 ' !##!

@2' KNN2F' 'F4@23' F' C2' '' 32F 23' B 'H 2 I 3' B ' @2' (2E E2 ' @2' 'N B E2 ' @2' 42 'E' 'EA' @2' 'CN'1E' ' 02' '' 3K4T 4233 BE' B 'L2 'K K ' N 4 KF23!

@B32' I @B' H 3 ' @2' B 32KC' LG' CBBE 1@ ' I ' F2' P2' @2' FK @ K E233' B ' @2' B B I E1' A234F N BE3' 0%

?' 'AB' F2C 2C L2F' C 2 ' @' ' E' C G BK @!
@2E' ' I '3' I 'EA2F E1 % KNBE' 3K4@' '' E 1@
' '3 BBA' I @ E' @2' B 32KC(3' I '
A3 ' @2' 4@ 2 'F2 43' B ' ' C 1@ G' B C 2' D
@2' F223' I @ 4@' 1F2 I ' ' BE1' @2' LFBO2E' 'F4@23'
'H2A' A 'FO' E' @2' L K2' C AE 1@ ' 'EA' @2' 3 'F3'
@BE2' @FBK1@' @2' F2E 3' B ' E0' FBC' ' 'F'
@2' I ' 4@"AB1 L 'G2A' L2GBEA' @2' L2F0' 'EA'
BF2' E2 'F' FBC' BK ' @2' 323' F(3' N ' '42' 2' C 2

@2'B I ⍰3' BE1'4FG' 'EA' E 2FFKN 2A G!
'A 3 'E '32E E2 3' @2' K'3BE1'
21'E' 'EA'A 2A'KNBE' @2'12E 2' I EA'0%
BC 2'4GNF23323'L2GBEA' @2' C 2"I BFE'LF2'4@'
NN2'F2A' B'3O F ' @2'@BF PBE 'G2 ' @2G'3 BBA'
@ E' ''LB I 3@B ' I @2F2' @2' 23'F3'A I 2
EA'A I 2 ' @2' KE2 233'L FA3'B 'E 1@ ' 'C A3 '
'1FBH2' I @ 4@'3NF E13' @FBK1@' 2H2 ⍰A'L' 2C2E 3!'
EA' I E23' 3'FBB 3' I @' @2' CN2F ' '@2'F @3D
HG'K3KFN3' @2' 'KF2 ⍰3'N '42'B '1FB H @'D%
K ' @2'1 'A ' BF⍰3'L BBAG'4 F4K3'3 'EA3
'EBL 2' I F24O' E'FK EBK3'N2F 24 BE'X
@ 2' '23'F⍰3'4@'CL2F3' 'EA' @2' K1K3 'E'@' 3!'
*FBH2 'BE'2'F @' E' EA 3 E4 'A24'G!
EA' @BK'A A3'3@ E2' @BK'FB E1'C BBE 'KNBE'
' @ 3' 'EA'4'3' '' I A2' 'EA' 2EA2F' 1@ !
@ 4@'3B 2E2A'AB I E' @2'@B'F' 'K3 2F G'
'FK112A'A23B ' BE' 'EA' ⍰A'KN!
3⍰' I 2F2' 'E2 I ' @2'1'N3'B '42E KF 23'D
2'H E1' @' 'L2'K K' I @ 4@'3 ' I '3'3B!
EA'C 'O E1' @' ' I @ 4@' I '3'EB ' ' @2'N '42'
24'C 2'F2 1 BE' 'EA' @2'@2'F 'F'E'B⍰2F'
@'3 2E ' I BF3@ N'B ' @2'1F2' 'B ' B A'0%'
A2'A'LK '342N 2F⍰A'3BH2F2 1E3' I @B'3 'FK 2'
⍰2F'3N F 3' FBC' @2 F'KFE3!J' $, !5

?' F4@23'BE' 'F4@23'X '3' ' I 2F2' @' ' BC 2
B 24 E1' @2'4@ 2 ' FBN@ 23'B '@2F' E2!
BK A'LK A'KN' ' '@2F' F KC N@3' E'BE2'ABC 2!
2F' B 32KC'3 'EA3K @2'CBBEL2'C 3'3@ E2'
3⍰' I 2F2' 3'E' KF' ' BF4@23' BF'A H E2'
@BK A'L2' @2' 1 ' I @ 4@'3 F2'C 3'@2F2 ' B' KC 2'
@2' BE1"2MN BF'A'LK '3 ' 2M@'K3 233'C E2'
'4BE 2CN ' BE'D' 'EA' @2' 'PKF2'1 BBC'
' 'E' ' 'E'E 1@ ' I @2F2' @2'A22N'3O 23' '33KC2

?' K23' I @ 4@'@'H2' I BFA3' 'EA'3N2'O' B'G2'B '@2'H2E!'
B' 3'B⍰2F' @ 3'H'3' 'EA' I BEAFBK3'C BEKC 2E !
EA'3@'ABI 3' BF 3'1 BFG!' @2F2' 3'1 H2E'
$E B' @2' @ E13'B '2'F @' I @ 4@V C 2'@' @'L2E
'3N F ⍰3' 22 E1' 'EA' I @2F2'@2'@' @' 2'E

3'@'EA'LK'LFBO2'@3'34G@2' @2F2' 3''NBI2F'
EA'C'14' E'@2'F'E2A'L' 2C2E!
BF'I@4@'@2'N''42'B' @2'NF232E'@BKF
K3'G2A' 3'NBCN''EA'I'' ''123''F2' 3'ABI2F!J
%"5! "5

H B'BE2'4'E'BFC''EG'A2''B'K'CBBE1@'E' BC2'I@B'@'3'EB' 322E' ! H2FG' EAHAK''BL24' 3'3I'BI2A' E'@2'@K12'C'3323'B' 1@''EA'3@'ABI''EA'BEG'@2'C'FO2A''EA'NFE4N''BK E23'F2C'E' H3 2!' @F22'A'G3''1B' 2L!9' -,-'I2'C'A2'1BBA'K32'B''1@' 'EA'CB3'L2'K K'E1@!' @2' B 32KC'NF232E3''H3BE'B'L2'KG!' '3'4B32A''E1@ ''@2FC' H23'E3A2'E''' 2'4@KF4@''EA'L211'F3' FBB3''CA' @2'FKE2A'H'K3!' @2G'@'A' 1@2A''' F2'BE' @2'L'F2' 1FBKEA''EA''12E 2'LF22P2'AFBH2' @2'!3CBO2'4FB33' @2'F2E'!' @2' BI2F'NBF BE'B'@2'FKE'I'3'B3'I@ 2' @2' 2EBFCBK3'I' 3''LBH2' 3BBA'BF@'E B'@2'A'FOE233!' 2'3BBA''' @2'1'23''EA'1'P2A'KNBE' @3'N@2EBC2EBE!' @2'CBBE'3@BE2'@1@''EA'LF1@!' *F'AK'G'@2' 3CBO2'CBH2A'@FBK1@' @2'4@EO3''EA''N2FKF23'E' @2'I' 3''EA'@2' CBBE' KCE'2A' 'O2''' C3!' 'I'3''E'2MSK32'CBC2EXJ%' 6 !#%!

' 3'L2 2H2A' @'' @2' LK AE1' B' @2' B 32KC' F2T C'E2A' 2E F2' KE ' @2' 2 1@ @' 42E KFG' 'EA' @'' 3' FK E' A' 23' FBC' @2' EH'3 BE' B' BL2F' *K 34'FA' I@B' A23 FBG2A' ' B' NF2H2E' 3'L2 E1' K32A' '3'' 3 FBE1@B A' LG' @2' BC'E3!')KF E1' @2' C AA 2' '123' '32FH2A' '3'' BF F233' 'EA' L24'C2' @2' 4'3 2' B' @2' 1F2'' 'C G' B' F'E1 N'E' I@B' @2F2' 1'H2' F2 K12' B' (BN2' EEB42E' ! ('N'F234@' 'EA' @ 3' 'C G' '1' E3' @2' 'E "NBN2' E'4 2 K3' !' 'EA'' 2F I'FA3' E' @2' 3'C2' I'G' NFB 24 2A' EEB42E' !' BE' 'EA' @ 3' LFB @2F3' '1' E3' @2' 'E "NBN2' ('34@'' !' ' BE3 'E G'' ' I'F' I @' @2' F'E1 N'E' I2F2' @2' EE L' A' I@B' NB332332A' '' E2 1@LBKF E1' BF F233' 'EA' BL ' E2A' FBC' *F21BFG' 5!' '' 1F'E' B' @' ' @2' B 32KC' I@4@' I'3' F234 EA2A' LG' EEBT 42E' !')KF E1' @2' 'L32E42' B' @2' NBN23'' ' H 1EBE' @2' EE L' A' 1B' NB33233 BE' B' @' I@B 2' B' @2' B 32KC' LK' ' I'3' 'O2E' 'I'G' '1' E' E' 7 9' 'EA' N '42A' E' @2

@'EA3 B @2 CKE 4 N' G ' 2F I @ 4@ ' I '3 K32A BF LK T 1@ 3 ' E I @ 4@ '3 A234F L2A LG BE' A234@ ' EBL 23 B ' @ 1@ F'EO BBO N'F ' 'EA B3 ' @2 F H23! E 7, ' @2 32E' 2 C 'A2 BH2F N'F ' B ' @2 FK E3 B @2 'EBE3 B ' @2 ' 2F'E ' B L2 K32A '3 '' @B3N ' ' 'EA @2 F B44KN' BE 3 3 ' 4BC C2CBF' 2A LG @2 'FC3 B ' @2 @'N 2F BKF 'H BKF@3 @2'A L2 I 22E IB 4'EA2 'LF' ' 34K N KF2A E H'F BK3 'F 3 B ' @2 LK A E1! FBC @2 BKF 22E @ 42E KFG ' L21'E B L2 BB02A KNBE '3 '' 3 BE2"SK'FFG ' 'EA @2 (' 'PPB3 'C232 ' 'FL2F E ' ! 'F4B ' 'EA @2 'E42 'F ' ' I2F2 LK ' I @ C' 2F ' 3 N KEA2F2A FBC 3 I ' 3! ' 3 3' A @' ' @2 F3 ' B ' @232 A23 FBG2F3 ' 'FA E' ' 'C232 ' BE G 2M BF 2A N2FC 33 BE FBC @ 3 F2 K4 'E ' KE4 2 ' ('K ' ! B SK'FFG '3 CK4@ 3 BE2 '3 @2 4BK A F2CBH2 E I2 H2 @BKF3 ' 'EA @' ' @2 'H' 2A @ C32 ' B ' @ 3 N2FC 33 BE B 2 ' BB32 BKF @BK3'EA IBF0C2E KNBE @2 LK A E1! M K3 ! 2EA2'HBKF2A B K 32 ' LG KFE E1 @2 'F4'A23 E B 3@BN3 ' 'EA 23 'L 3@ E1 '' IBB 2E C'EK '4 BFG ' 'EA 2C2E ' 5 X -<<" -9 ' LG '' C'EK '4 BFG B ' 3' N2 F2 ' LK ' LB @ @@NN G ' 2A! E @2 '3 ' 42E KFG @2 A2 B ' F23 BT F' BE L21'E B 32 ' E! ' 'FC2 2 CBEO ' E12 B ('B ' F2NF232E 2A @2 E SK G B ' ' B I E1 '' 3NB ' 4BE324F' 2A LG 3K4@ @B G C2CBF 23 B L2 A2324F' 2A ' 'EA 2C2E ' 5 ! 4BE324F' 2A 6 @2 'F2E'' B @2 C2CBFG B ' @2 C'F GF3 I@B @'A 3K 2F2A @2F2 ' 'EA 2F24 2A E BE2 B ' @2 'F4@T I 'G3 @2 3 ' 2M 3 E1 4@'N2 ' B ' '! 'F '' A2 '' (2 @! @2 @2FC ' 'NNB E 2A B '02 4'F2 B ' @ 3 4@'N2 ' I '3 3 'LL2A E -:9 ' I@ 4@ 4'K32A 2E2A 4 ' 5 ! B 3@K ' E @2 B 32KC I @ L'F3 'EA 1' 23!)23 FK4 BE @'3 EB I ' L24BC2 3'4F 212 ' 'EA O@2 H2 '3 ' NBN23 @'H2 ' ' 4BET F LK 2A B 3 F2E1 @2E 'EA NF232FH2 @2 I ' 3 I @ 4@ F2C ' E!

H2E 3B ' 2 '3 @ F G G2'F3 '1B @B I 2H2F @2 E 2F BF I '3 O2 @' B 'E E1 3@ 'LL2G 'E KE2H2E 1F'33G 3N'42 2F2A C @ C'3323 B FK E 'C A I @ 4@ 'F12 F223 1F2 I 'EA BKF 3@2A 'EA @2 4 2'F E1 BK B @2 'F2E' @BK1@ 2M@ L E1 CBF2 N2F 24 G @2 'E4 2E BFC B @2 LK A E1 3 CK4@ B L2 F21F2 2A LG BH2F3 B @2 N 4 KF23SK2!

CBE1 @2 244 23 '3 4' 212EA3 4BEE24 2A I @ @2 B 32KC 3 3'3' A @' * F21BFG @2 * F2' NF232E 2A 3BC2 BF2 1E 'CL'33'ABF3 I @ '@'EA K B 2'F @ FBC @2 'F2E' '3 'F2 4 BF @2 F 3BH2F2 1E3' 'EA KNBE @2 F F242 H E1 @2 1 I @ A 3F23N24 @2 NF2332A I @2E L BBA B I 2A FBC @2 3B ! (K3 !KF12A @B32 I @B I 3@2A BF F2 43 B 1' @2F KN @2 AK3 B @2 B 32KC I 2 I @ @2 L BBA B @2 C 'F GF3!

E -::? @2 2332A 2BE'FAB A (BF B 'KF P B J I @B 3 LKF 2A E !K2E'H2E KF' AF2 I CC2E32 4FB I A3 B @2 B 32KC LG @ 3 NF2'4@ E1 'EA BL ' E2A N2FC 33 BE FBC 2E2A 4 5 ! B BKEA @2 4BE F' 2FE G B ?' C 'E A *23 '2 'F ' J BF I @BC @2 ' FK4 3 I '3 23 'L 3@2A @2F! 242E G @2 C E3@'H2 L22E'33B4 ' 2A I @ @R@B G L211 'F 2EB UB32N@ 'LF2 L2' 2A LG (K3 5! E , ;< I B A 2A ' BC2 E -,7 ' 2F ' 2 3N2E E A2HB BE! 2 I '3 '44K3 BC2A B L21 E @2 B 32KC B 3 22N ' E 1@ KEA2F 3 'F4'A23 'EA B NF'G BF @BKF3 ' 3 H'F BK3 3@F E23!

@2 E'C2 B 32KC 3 F3 BKEA E @2 IF E13 B @2 2E2F'L 2 2A2 I@B SKB 23 ' NFBN@24G B E1 B" 'MBE N 1F C3!

?' @ 2'3 'EA3 @2' B 32KC ' BC2'3@' '3 'EA' D
@2E' ' 3' @2' B 32KC ' BC2'3@' ' ' D
EA' I@2E' BC2' ' 3' @2' I BF A!J' g

' 'I BFO' BE @2 BF'' B' @2' SN 32KC'@'3'L2 'NKL 3@2A'LG' !) 2'O E!
' >K' CA K'3 ' ' B G332K3' 3 ' ' 2 ' BC 'D' SK'EAB'4'A2 ' B G312K3' 4'A2 ' 2 ' BC '' 4'A2 ' 2 ' CKEAK3!
! !

9 7 / /

@2 E'C2 I'3 NFBL'L G A2F H2A FBC 3 3 P2 @2 'CN@ T @2' F2 B 'NK' I'3 ' 3B 4' 2A B B33K3!

E42 BF I 42 E @2 4BKF32 B 2H2FG BC'E I E 2F @2 B 32KC 3 KC E' 2A I @ 2E1' 1@ 3!

?' 23'2 F'E12F3' 32' ABEE2E ' 'F B 3' '('CK32F'2E 'A24 ' F2F' 2' B 322' 'H24'A23' 2KM'A2' 2E1' 2!' 2 '' F2332CL 2'KE' N2K' F'N' ''KE' E' 2'A2' C2 BAF'C2 ' 2 'BE'N2E 'NF2 2F2F'4BC C2' KC E' BE'KE'F'A 2KM'3BO 'BK' 23'ABK423' K2KF3'A2' '' KE2!' 2N2EA'E ' (HBK2' SK2' ''NF2C 2F2' B 3' SK2' B 322' C('NN'FK '' E3 ' 2CLF'32'A2' 2KM'FBK12' F23 ' 3BE'@ 3 B F2' C2' F2H E 'H H2C 2E ' ' '' N2E322!' U2' FBKH' 3'SK(' 'H' ' 2E'42' CBC2E ' 3''HF' 2'4BK 2KF' ''4BK 2KFAK'3'E1!J% 3" !.' / 3 '' !' \;!

,7 7 ' D ' /

N'332A' FBC' @2' BFKC' B' @2' F4K3' @ 'M CK3!' E' BE2' B ' @2' 2FF E2' F' BE3 ' 'E' '44K3' BE' LFBK1@ ' LG' 42FB' '1' E3 ' @2' N' F 4 'E' 2FF23 ' I '3' @' ' FBC' 'H'F 4 BK3' CBT H23' @2' @'A' N'H2A' 2H2E' @ 3' 3 F22 % K32A' BF' @2' NFB4233 BE3' B ' @2' F4K3% E' 3K4@' '' C 'EE2F' @' ' @2' I BK A' EB ' H2E KF2' B' K32' ' @ C32 !

' @ 3' H' 2G' I '3' BE42' '' 3 '1E'E ' C 'F3@' 2 ' LG' EKEA' BE3' B ' @2' L2F ' BF' E' 2 'F G' C23' @2' F H2F' B 2E' BH2F B I 2A' @2' I@B 2' H' 2G' L2 I 22E' @2' (' ' E2' 'EA' @2' 'N B E2' @ 3 ' 'EA' 2H2E' F2 '4@2A' '3' 'F '3' @2' BB ' B ' @2' >K F E' ' I@2F2' @2' *B' ⁄3' (BB ' ' ' I@ 4@' BCK K3' A 3' N2'F2A ' 3' 3KNNB32A' B' @'H2' BFC2A' N'F ' B ' @2' 3'C2' 3I 'CN!' H A ' E' A234F L E1' @2' NFB4233 BE3' B ' @2' 1'C23 ' 3N2'O3' B ' @2' I B I3' 'EA' FK3@23' I @ 4@' BE42' 4BH2F2A' @ 3' 1FBKEA ' 'EA' @2' C 'F3@G' N '423' I @ 4@' BE2' 4BK A' EB ' N'33' BH2F' 2M42N ' I @' L 'F2' 22 0

?' > K '' 2 'LF''34 2E ' E' F4KC' AK42F2' NBCN'3 '
G ' NFF2 2F' 3 ' 423' 4F'33 'SK2' 4 'EE '' K
'3N2' 3KLKFL 'E'3' F2A 2E3' 4BEH H'' N2F' KEA'3'
' 'E ' ' 2 '' A' E' K '3' 2LF ''H2FL'' '4 !
BEAKC '4BEH2E 2E3' A H2F3 3' 3 2' 1KF 3'
BC 2E' 'L' 'H2F3B' 42N2F' ' ' C E2' A2K3!
2' SKBSK2' E4K3' 2F' ' KE4 3' 2 ' 'FKEA E2' A2E3K3
'N2A2' H2 ' B' EBE' 'A2 CA'' N' K3!
'1E '' F242332F' E ' 2 ' 'SK '3' 3K '' F N '' 4B4F42F2 0
44 'SK2' EKE4' 2 K3!' B3' ' C 2E' 2' C ' E2 !J
') #' H !' ,<\!

2' 2H2E' OEB I ' @2' NF 42' I @ 4@' I '3' N ' A' BF' L2 E1' 2FF 2A' '4FB33' @2' 2 'LFKC' 0 ?' ' I '3' '' L87$ 7 6 ' @F22' C23' '3' CK4@' '3' BE2' N 'G3' EB I ' BF' @2' LB ' ' ' @2' N2 '!J' ' @2

' ;' >K 3' ''3 1EB' 2F KCE ' E' 4 F4KC' C 'M CKC' H2E ' SK E' 3' KEBSKBSK2' 1F' AK' A2' 'H'F '' K '' 4BC CBE2F2 KFR SK ' C' K' H ' C' 2E3' FK E' ' SK2' NBCN'2' 2 K3' CBA ' 4M2'" 1 3 ' K ' K' N32' F2' EBE' 'KA2' 3!J % W+') -' ! \8!
' 'FFB ' A2' E1!' ' !' H!' : : ! 22' CN2F2 ' 3 !' BC!' !' 77!

4F2' BE B ' @2 B '4 ' 'M C ' @ 'A NFBL 'L G ABE2 CK4@ B I 'FA3 AF' E E1 ' LK ' 3BC2 F'1C2E 3 B ' @2 C 'F3@ F2C ' E2A B ' ' 2 N2F BA!

44BFA E1 B 'FFB @2 E' C2 B ' @2 2 'LCC I '3 A2F H2A FBC 5 @ ' L24 'K32 B ' @2 LB ' 3 I @ 4@ I 2F2 2CN BG2A B 4BEH2G N '332E12F3 FBC BE2 @ ' B @2 B @2F! @1F3 A2F H2 @2 E' C2 FBC 5 #7 ' ' 3B E F2 2F2E42 B @2 CBA2 B ' F'E3 ' BF ' '44BFA E1 B 'EB @2F A2 ' ' E F2 2F2E42 B @2 ' I E E13 I @ 4@ I 2F2 3 F2 4@2A '4FB33 @2 3 F22 ' B 3@2 2F @2 NFB4233 BE3 % @BK1@ @2 E' C2 I '3 E 2M 3 2E42 BE1 L2 BF2 ' EG NFB4233 BE3 I 2F2 @BK1@ ' B!

' I '3 @2 I ' 2F3 B ' @2 2 'LFKC I @ 4@ LBF2 @2 4F'A 2 B ' BCK K3 'EA 2CK3 FBC @2 L2F ' 'EA A2NB3 2A ' KEA2F @2 'CBK3 1" F22 B ' @2 (' ' E2!

E @2 2 ' B ' @2 ' ' A2 ' 2E ' 3@K ' E LG ' ' F' E1 ' 12E2F' G 4 B32A ' LK ' I @ 4@ I ' L2 BN2E2A BE 'NN2' E1 B @2 3 '4F 3 'E E2M ' ABBF ' 3 @2 FBKEA @8 @ ' ' $ ' @2 BF 1 E B ' @ 3 LK A E1 3 KE0EB I E ' ' K32A B L2 4' 2A @2 2CN 2 B ' BCK K3 ' BE @2 H2FG 3 1@ ' BKEA 'T BE @ ' ' @2 'CBK3 LFBEP2 I B ' C2E BE2A LG) BEG3 K3 '3 2M 3 E1 E @2 2CN 2 B ' BCK K3 ' I '3 BKEA E2 'F @ 3 !3NB ') G2F 3KNNB323 @ ' ' ' C 'G @ 'H2 L22E @2 2CN 2 B ' GL2 2 @ 3 ' @B I2H2F ' I '3 KNBE ' 'EA EB ' KEA2F ' @2 (' 'T E2! 2 @2G I @ ' ' @2G C 'G ' @2 F2C ' E3 I 2F2 A2A 4 ' 2A '3 '' @F 3 'E 4@KF4@ LG AF 'E ! ' E @2 2 1@ @ 42E KFG ' 'EA 3BC2 I 2 "NF232FH2A CB3 ' 43 E @2 F LKE2 'F2 B ' @ ' ' C2!

? ' ' 3' 4KF BK3 B' EB 2' E' BC 2' @B I ' C 'EG ' ' C BA2FE' 3KN2F3 BE' @ ' 3' 3' FBB ' E' 'E' 'E4 2E ' BE2 ' 'EA' @B I ' 2E ' 4 BK3 G' 4K3 BC 3' 3 ' 4 E1' B' @2

' 'FFB A2' E1!' ' !' H!' ,!

8,

B A' B4' 23!' E' @2' ' B E2' @ ' @2' LFBEP2' 3@2"I B ' I '3' BE42' I BF3@ NN2A' '3' @2' I BBA2E' 'C L EB' 3' EB I !' '3 BBA' E' @2' 2CN 2' B ' BCK K3' 'EA' @2F2' @2' 'E4 2E ' BC 'E3' K32A' B' 4'FFG'4@ AF2E' B' L2' 4KF2A' B ' @2 F' A 32'323' LG' BK4@ E1' !' E' @2' 3KNNB32A' 3 2' B ' @2' 2CN 2' EB I '3 'EA3' @2' 4@KF4@' A2A 4' 2A' B' ! ! 2BABFB 'BF' 'E B' B B' '3' @2' 3' 4' 2A' E' BC 2!' @BK1@' E' C 23' CK3 '@' H2' 4@' E12A' 'EA' @2' 2CN 2' @ '3' H 'E 3@2A ' 'EA' 4@KF4@' ' 2F' 4@KF4@' @ ' 3' @2F2' A24' G2A' 'EA' L22E' F2LK ' @2' B A' 3KN2F3 BE' F2C ' E3' 'EA' @2' 4BC C BE' N2BN 2' ' '42F ' E' N2F BA3' 3 ' LF E1' @2 F' 3 4O' 4@ AF2E' B' ! 'E B' B B ' @' ' @2' C ' @2' ' @2C' I '@ 3' BK4@!'J% # 8' '5' 3 '

KF @2F' BE' @2' 2 ' !3 ' KEA2F' @2' 3@'AB I' B ' @2' (' ' E2' ' 3' @2' 'F12' @8 @' ' 7 0 76076 7' 4BE ' E E1' L2E2' @' @2' ' 'F' ' ' L2 ' K K@' 3 ' K2' B ' @2' C 'F GF2A' 3' E ' F24 E E1' BE' ' ' '11B !

?' B I @3 'EA E1' @2F' L2 ' K K ' * F22O' E ' C 2 ' ' EA' @2F' 'C 2' '3' BE2' B ' @2' 1F2 ' ' 3' E 3' B ' @2' * F22O' ' 2EA ' F ' '!' E ' 3 '3 '' 3' F2NF232E 2A' '3' '' EBL 2' BC 'E' 'AG ' I @B' N2F 3@2A' AKF E1' @2' N2F324K BE' B ') B4 2 'E!' @2' I '3' N2F324K 2A' LG' @2F' @K3L' EA' 'EA' 'C G' BF' BN2E G'NFB 233 E1' @2' @F 3 'E' ' @ ' LK ' L2 E1' 3K3 ' E2A' LG' @2' 2 BSK2E '2M@BF ' BE3' B ' !

;' @2F2' 3' EB' ABKL ' @' ' C ' EG' B ' @2' 'CK32C2E 3' 3 ' CBF2' C ' EG' B ' @2' F2 '" BK3' NF' 4 423' EB I ' NBNK 'F' E' @ 3' 4 'N ' ' C 'G' L2' F' 42A' B' 3BKF423' E' N' 1 'E' 'E SK G!' @2' 1 ' 2' B ' 7 'N ' "2A' I @' @2' E12F3' @2' 7 ' B ' @2 'E4 2E 3 'D L2' FKF' ' 2 ' 3 E1' L2 BF2' @2' 4@ 'N2 'B ' @2' 7$ 7'$ #$ 5 ' 5 'BE' @ ' BEA 'G'D @2' F2H2 FG' 'EA' A 'E4 E1' 68I'$ 8' BF' @2' I @B 2' E 1@ ' BE' @2' 1 ' B ' ! UB@E ' "' 342E2' BE' @2' ' 2F' E' N 'PP ' ' F B BK3 ' 1FB 23SK2 ' LK ' EB ' 42E BK3 D @2' A H E E1' LG' AF2 ' C 3' B' BL ' E' EKCL2F3' BF' @2' B 2FG'D @' E1 E1' F' 5 0 ' N 4 KF23' E' 4@KF4@23' B' 4BC C 2C BF ' 2' 234 ' N2!3' FBC' A ' E12F' BF' F24BH2FG' FBC' E233D @2' B 2FT E1' B ' 2 I 2 3 ' I ' 4@23 ' I 2 ' NBE3 ' &4! ' B' @2' 'ABEE " D @2' 'ABFE E1' 'EA' AF233 E1' B ' 3 '4F2A' C '123 ' 3BC2 C23' BF' N ' F 4K 'F' A ' G3D @FB I E1' B I 2F3' BE' @2' 'ABEE 'D3' 1KF2' I @2E' LBFE2' E' NFB4233 BE3' '3' K32A' B' L2' @BEBKF2A' @2' C '12 ' BF' 3 BE2 ' B ' G'" L2 2 'D LKFE E1' 1@ 3' L2 BF2' C '123' BE' @2' @ 1@ I ' G3D N ' G E1' 3N24 ' ' @BEBKF' B' 3 '4F2A' N 4 KF23 ' KEA2F' @2' EB BE' B ' @2 F' N ' H E1' C BH2A' @2 F' 2G23' D BF' B' B @2F3 ' KEA2F' @2' A2 ' ' B ' @2 F' 3KN2FE ' KF ' ' BF 1 E% C ' A2' I @BK ' @ ' EA3' D I2 ' F E1' 2 1 23' BF' 3G C LB 3' '3' ' C K 2 3' @K3' G " ' I BF2 ' ' EA' K32A' B' EHBO2 ' " 2' 1B A2E' NB B' @KE1' FBKEA' @ 3' E240 ' D 3K3N2EA E1' B I 2F3' B' 3@F E23 ' EA' BCL3' D L23 A23' B @2F' K323 ' E' @2C 32 H23' L ' C2 233' 'EA' L2 ' K K ' EBF ' 2H2E' ' 3' BL 24 BE' L 2 ' B' L2' F21 ' FA2A' '3' @2' 12EK E2' F2 2M' B ' I @ ' ' 3' AB1C ' 4' G' 'K1@ ' LG' @2' 4@KF4@!' @ 3' 2EAKF E1' 3@ ' AB I ' @FB I E' LG' N ' 1 ' E' BH2F' @F 3 'E' BC2' 3' @B I 2H2F ' ' ' F2C 'FO' L 2' 2' KF2' E' @2' 3 BFG' B ' @ ' ' NB I 2F' I @B32' 2C E2E42' E' FK E1' 'EA E K2E4 E1' I '3' 3B' I BEA2F K G' 3K3 ' E2A' EBF' A23 E2A' B' L24BC2' 2M E4 ' ' 2F' 2CN F2' @ ' A' A2N ' F 2A' FBC' @2' 2H2E' 3!J%' 6;' 8 06' '

@ G3B1BEK3 ' 3@2' N ' 332A' F KCN@ ' E G ' F242 H E1' E' AK2' C2' @2' 4FB I E' B 'C ' F GFABC ' L2 E1' 4BEA2C E2A' B' @2' 'C 23!' @FG3B1BEK3' I ' 3' NK ' B' A2 ' @' I @' @2' 3 I BFA' ' EA' @ 3' LBAG' @FB I E' E B' @2' 32 ' !

?' 44BFA E1' B' @2' L23 ' ' K @BF 23 ' @232' I B' 3 ' E 3' A A' EB ' 3K 2F' E' BC 2 ' LK ' E' GF ' Ø G2 ' E' BC 2' I 2 ' ' F2' ' 33KF2A' @ ' ' E ' 3 ' 3 ' ' ' 2F' @2F' C ' F GFABC ' I ' 3' LKF 2A' LG' @2F' F 2EA' NB E ' ' E' @2' 1 ' FA2E' B ' @2F' @BK32' KEA2F' @2' (' ' E2' @ ' ' EA' 4 B32' B' @2' F4K3' ' M C K3!' @2F2' 3 BBA' @2' 4@KF4@ ' A2A 4 ' 2A' E' @2' BKF @' 42E KFG ' 'EA' @2F2' ' EB I ' 3 ' E !' ' I ' 3' BE2' B ' @2' NF E4 N ' ' 4@KF4@23' E' BC 2' E' @2' C 2' B ' !' U2FBC 2 ' I @B ' ' 44BFA E1' B' ' E4 2E ' F ' A BE ' 42 2LF ' 2A' C A 3 ' ' ' BE2' B ' @2' ' 'F3 ' I @ 4@' 3' 3 ' F21 ' FA2A' I @' N24K 'F' H2E2F' BE!J% '

3! $8 ' - !5 U#5 !&!$5 ' #

' I ' 3' @2' 4K3 BC' BF' @2' C 2A 2H ' ' NBN23' B' 42 2LF ' 2' @2 F' 324BEA' C ' 33' B ' @F 3 C ' 3' E 1@ ' E' @ 3' 4@KF4@ ' BF' I @ 4@' F2 ' 3BE' 'I' E ' 3 ' 3 ' ' 3' 3 ' 23N24 ' G' 4BCC2CBT F ' 2A' E' @ ' ' C ' 33!

B' @2' 2 ' B ' @2' @ 1@' ' 'F' 3' @2' BCL' B ' @2' 2 ' FE2A' 'FA E ' ' ' ' LG' @2' 34K N BF' 2EPBE ' I @B' B I 2A' 2H2FGT @ E1' B' @2' 0 EA' E 2F23 ' I @' I @ 4@' @ 3' 4 ' FA E ' ' F21 ' FA2A' @ C' FBC' 4@ A@BBA!' @2' 2N ' N@' 3' F2C ' FO ' L 2!' ' 3' @K3' F ' E3 ' 2A' LG' 'FA E ' ' 32C ' E' 0

?' ' I @B' C G' 2' E' I ' 02 K ' 3 KA 23' I BF2
2F1 ' C B(3' 3BE ' E ' C 2A' E12 B ' @2F2' 2!
@2' 2C NGF2 ' ' FBL2' 'EA' 4F C 3BE' @ ' ' ' LBF2
BC 2' 1 ' H2!' @BK' 1 H(3 ' C 2 ' @F 3 ' @(' 2C NGF2 ' ' 3OG!'
I ' E1' @22 ' BE1' B ' ' 4BK A' 2EAKF2' 0
B' I @' @22' L2' C G' F23 ' EB I ' 3 I 22 ' 324KF2!J

@FBK1@' @ 3' 4@KF4@ ' ' 3B ' I 2' 76 ' 2E 2F' 3BC 2' B ' @2' 3KLT 2FF ' E2BK3' 4@ ' C L2F3' B ' @2' (' ' 42' B ' @2' 323 ' F3!

@2' H ' 2G' E2 ' F' @ 3 ' L2 I 22E' @2' (' ' E2' 'EA' @2' H2E E2 ' I ' 3' @2' 3 2' B ' @2' 86' 7F 86 ' B ' I @ 4@' @2' '3 ' H23 123' I 2F2' A23 FBG2A' EV @2' C2' B ' (' K ' !' 3' 1FBKEA' N ' E' 4 ' E ' @B I 2H2F ' L2' A2E 2A ' I @' @2' ' 33 3 ' E42

B ' @2' 3C ' ' 4 F4K3' B ' 'M2E K3' BE' @2' '' NN ' ' I @ 4@'
3 ' N ' F ' G' 2M 3 3!' ' I '3' E 2EA2A' BF' 4@ ' F B "F '423' 'EA'
@BF32"F '423 ' 'EA' 3' 3 ' A' B' @ ' H2' L22E' F3 ' E3 K 2A' LG' 'F"'
SK E K3' (F 34K3' ' 2F' @ 3' 4BESK23 ' B ' @2' ' E' B I E' B '
N B 32!' ' I '3' '' H '3 ' BL BE1 ' 2EA E1' E' '' 32C 4 F4 2 ' 'EA'
3KFFBKEA2A' LG' @F22' FB I 3' B ' 32 ' 3 ' 2FC2A' 4B 24 H2 G'
75 7 ' E' @2' 42E F2' B ' @2' 'F2 '' I '3' @2' B I ' I ' ' 4 ' 2A'
@2' 6 - 7 ' ' ' 2 '4@' 2EA' B ' I @ 4@' I 2F2' @2' 07 ' BF' 1B ' 3!'
2 I 22E' @2' C2 32' I 2F2' 4B KCE3' 3KNNBF E1' @2' 57 ' 211"'
3@ 'N2A' L ' 3 ' 'EA' & #9@ 7 ' BF' AB N@ E3 ' 2 '4@' 32H2E' E'
EKCL2F ' BE2' B ' I @ 4@' I '3' NK ' KN' BF' 2 '4@' 4 F4K ' C 'A2' E'
@2' F '42!' ' @2' 2M F2C G' B ' @2' F4K3' I 2F2' @2' 3 ' 3' BF'
@2' @BF323' 'EA' 4@ 'F B 3' 4 ' 2A' 7 6' @ 3 ' @2' 3SK 'F2'
2EA' B ' @2' F4K3 ' I '3' 2FC2A' 99 $8 ' FBC' 3' 2M 2FE ' ' F2T
32CL 'E42' B' '' B I E ' I @' I ' 3' 'EA' B I 2F3!' E' @2' F4K3'
'M CK3 ' I @ 4@' I '3' K32A' BF' @KE E1' I A' L2 '3 3 ' UK K3'
323 'F' C 'A2' '' 4 'E ' ' 4 ' 2A' 8 986 ;' 2E' 22 ' I A2 '
L2 I 22E' @2' 32 ' 3' 'EA' @2' F '424BKF32 ' B' NFB 24 ' @2' 3N24T
' BF3!' @2' - 8 $ ' 6 6' I 2F2' F3 ' 23 'L 3@2A' LG' BT
CK K3 ' B' ' F '4 ' @ 3' 'L E2' E2 1@LBKF3 ' E' BFA2F' @ ' ' @2'
C 1@ ' 3KNN G' @ 3' 4 G' I @' I H23!' @2' 1 'C23' I 2F2' 12E2T
F ' G' ' ' @2' 2MN2E32' B ' @2' '2A 23 ' 'EA' @2 F' 4B3 ' I '3' 3B'
1F2 ' ' @ ' ' 23 'F' I '3' BL 12A' B' 32 ' @ 3' LKF E2' H ' ' B'
A2 F 'G' @B32' 1 H2E' AKF E1' @ 3' '3A 23@ N!' (2F@ 'N3' @2' CB3 '
C '1E 42E ' 1 'C23' OEB I E' I 2F2' @B32' E' @2' F2 1E' B ' 'F "'
EK3' CN!' !) ! 9 , 7 ' I @ E' @2' F4K3' I '3' F 'E3 BFC2A' E B'
'E' 'F 4 ' ' BF23 ' E' I @ 4@' @KEAF2A3' B ' I A' L2 '3 3' 'EA'
L FA3' I 2F2' 3 'K1@ 2F2A!' ' BE2' C2' @ 3' F4K3' I '3'
4 'N ' L 2' B '4BE ' E E1' 7 , \ <<<' N2F3BE3!

' @2' I 23 2FE' 2M F2C G' B ' @2' F4K3' 'M CK3' 3 BBA

)

@2 2CN 2 B 2F23 L2F 'EA L2F' 3' A B @'H2 L22E HB I2A LG @2) 4 ' BF LK3 (B3 KC K3 ' ' @2 L' 2 B @2 'O2 21 K3 A2A 4' 2A LG @2 BE3 N! '33 K3 :89!

? >K'EA 2 N2F2 A2 '33 K3 (2K ' C CB 2 A2 323 NFBNF23 C ' E3 '' (H A 2 N' F 4 2EE2 ' ' ABE AK N24K 2 A2 3BE 3% F'' 3 E('H' 'SK2 3BE 24K 2 4BC C 2 KE 234 'H2% '' 42 C 2C 2 2C N 2 A2 2F23 SK2 NKF K3 '33 K3 'H' '4BE3 '4F2 ' 2 ' N' F KE2 2FB42 FBE 2 ' C ' 'K' L ' 3 A+ '' 3 ' K2 ' 2 'H24 42 ' 'F12E ' 2 ' SK('A2A ' ' ' '' A22332 ((/') BE A2 '' ' C 2 '33 '!(

? (FBE 2 ' ' A('K 'E ' N K3 ' C 2F2 ' SK2 (BE H2 A ' ' 'KNF23 AK 2CN 2 A2 2F23 42KM SK ' 'H' 2E ' B 2E32 ' 'K' F LKE!

?' 2 2CN 2 ' C 3 N' F 4K C2C2E ' 3BK3 '' 3KFH2 'E42 A23 2A 23 2 ' BK 3 'H' 2E ' 2KF3 'F4@ H23 ' 2 ' ' 2 2CN 2 A2 '' A2C B4F' 2 FBC ' E2! 2 'FBK4@2 N' F 4 2E 2 4@B 3 ' NBKF K ' ' F2 ' 'AF2332F N ' F 3BE 3 CBF ' 'K 32FH 42 A2 '' A2(CB4F' 2 KE 2F 3B F2 @BC C '12!J% 3'! !. # 3 ! : ;!

2 CK3 EB I F2 F'42 BKF 3 2N3 BF '' 3@BF A 3 'E42 'EA A2342EA E B '' @B B I BE @2 2 I @ 4@ I 2 @'H2 N'332A L2 I22E @2 4@KF4@23 B ! 2BABFB 'EA '! E'3 '3 '!

2F2 'E E 2F23 E1 1FBKN B LK A E13 3 'EA3 B C 'FO @2 3 2 B @2 'CBK3 BM"C 'FO2 ! E 8 : 7 8 ; E 3 42E F2 '' LF'P2E LK LFBK1@ FBC 1 E' BE42 4BC C 2CBT F' 2A @2 3 BFG B @2 BM2E B * 2FGBE I @ 4@ 2F4K 23 2 B N'3 KF2 BE @ 3 C 'F3@G 3 2 'EA I @ 4@ I 2F2 3 B 2E @2E42 LG '4K3 % 'EA 3 3' A LG H A B @'H2 1 H2E '' E'C 2 B @2 B4' G0

?' (BE LK3 2 ' C '1EN KE4 '' 23 ' 42 2L2FF C '' F4B F2 ' ' S K2 NB3 B A2 LBH2 EBC 2E @ 'L2 !J

) #' H !' : - , !

@2 '4 B @ 3 N '42 L2 E1 K32A '3 '' C 'FO2 BF BM2E 3 C2E BE2A LG HG!

(EG ' MMM H! 9! ' HG ' MM ! ;9!

@2 BFKC B'F KC 3 '33B4 ' 2A I @ 32H2F' A22A3 B 2FK2 G! 2F @2 L' 2 B 'EE'2 ' C' 2 'EA 2C' 2 *F22O 'EA ' C' 2 'EA C' 2 * 'K I 2F2 LKF 2A ' H2 @2F2 ' 'EA @2F2 @2 F3 1@ B 1 'A ' BF3 BBO N '42 L2 E1 E FBT AK42A LG ! 'EA) ! F' K3 ' ' @2 KE2F' B @2 F ' @2F E !4! 9 ; :" Q 2F2 @2 23 ' H F1 E3 LKF 2A @2 3'4F2A K 2E3 3 B @2 F I BF3@ N ' ' @2 3NB 4' 2A) B B ' I @2E @2G 2A FBC BC2 ' 2F @2 L' 2 B @2 '!

CBE13 @2 LK A E13 I @ 4@ BE42 2M 3 2A E @2 BFKC B'F KC LK B I @ 4@ EB F'42 F2C' E3 I2F2 @2 2CN 2 B @2 'L E2 A2 G ' K ' 'EA @2 2CN 2 B BF KE2 LB @ '34F L2A B 2FH K3 K K3!

?' '4' L ' K42' 2FKE ' ' K 4' 3'4F'' N'F2E X
42N 2F'3' 2FH ' 2C N '' A2A 332'FE'EK3!J
'" 5.) #' H !' : -8!

H' KM2'A2C ' BF KE' ' K''23 ' 'K4 BFSK2 ' B4K3SK2
2A'3KN2F E 24 3' SK 3' ' 2 '42A2' B1 3'R
2FH K3' 2 3 @ @B4' 4BE3 ' '2E C """""" J
/ #' H !' \ ; 8!

@2 2CN B BF KE2 I '3 F2LK LG K4K K3 'EA) BE '33 K3 C2E BE3 @' @2 'M 2 B UK K3 F23'F 3 4'F LFBO2 AB I E E FBE B BE B44'3 BE B BE2 B @ 3 F KCN@3! EB @2F 2CN 2 E @ 3 E2 1@LBKF@BBA I '3 @' B (KA 4 '' (' F 4 ' E B I @ 4@ @2 EBL 2 'A 23 F2T K32A B 'AC F1 E ' L24'K32 3@2 @'A 23NBK32A ' N 2L2 'E 4BE3K ' 322 @'N! 5! ! 2F2 ' 3B I '3 @2 2CT N 2 B 2F4K 23 4 BF 2F24 2A LG (BCN2G! @2 IB 2'F 23 F KCN@' 'F4@23 I2F2 LK E @ 3 BFKC L2 E1 E @BEBKF B ! 2F E K3 2F24 2A !4! 8 ; ' 2F @ 3 H 4T BF 23 E N' E!

f' CN2F2' 3 !' BC!' ! g)G2F <:! 0' HG' :<!
h' 5 BE '33 K3' M ! 9P! ' CN2F2' !' : , ' FKH K3' ! 7!

@2‘ LK A E1‘ I @ 4@‘ F3 ‘ ‘ F‘4 3‘ ‘ 2E BE‘ ‘CBE1‘ @B32‘ EB I ‘ 3 ‘EA E1 ‘ 3‘ @2‘ @‘ ‘ 7 6‘ @2‘ ‘L E2‘ 1BA!‘ ‘@‘3‘ BKF‘ 2SK‘ ‘ 3 A23‘ ‘EA‘ ‘F4@23 ‘ KFE2A‘ B‘ @2‘ BKF‘ NB E 3‘B ‘ @2‘ 4BCN‘33 ‘ ‘EA‘ BF G"2 1@ ‘ E 4@23 ‘ NFBL ‘L G‘ E 2EA2A‘ BF‘ @2‘ F242N BE‘ B ‘ 3C‘ ‘ 3 ‘ K23!‘ ‘3"F2 2 3‘ BE‘ @2‘ EH2F 2A‘ L B4O3‘ 2CN BG2A‘ E‘ @2‘ B I 2F‘ N‘F ‘ B ‘ @ 3‘ 2A 42 ‘ 3@B I ‘ @‘ ‘ @2G‘ CK3 ‘ @‘ H2‘ L22E‘ F2CBH2A‘ FBC‘ 2‘F 2F‘ LK A E13!‘ @ 3‘ I ‘3‘ NFBL ‘L G‘ K32A‘ ‘3‘ ‘‘ NBF 4B‘ BF‘ 3@2 2F‘ BF‘ LK3 E233‘ BF‘ @B32‘ I @B‘ F‘ 402A‘ E‘ @2‘ BFKC‘ D @2F2‘ I 2F2‘ C ‘EG‘ 3 C ‘F‘ NBF 4B23‘ E‘ ‘E4 2E ‘ BC2!

E‘ @2‘ 2 ‘ B ‘ @2‘ ‘F4@‘ B ‘ U‘EK3‘ 3‘ ‘‘ E‘FFB I ‘ ‘ 2G ‘ 3N‘EE2A‘ LG‘ B I ‘LF 4O‘ ‘F4@23 ‘ I @ 4@‘ 2‘A3‘ F3 ‘ B‘ @2‘ L2‘KT K ‘ 4 2‘F‘ 3NF E1‘ B ‘ @2‘ SK‘‘ F12E E‘D I @ 4@‘ ‘44BFA E1‘ B‘ 3BC2‘ ‘K @BF 23 ‘ 3‘ @2‘ N ‘42‘ I @2F2‘ ‘3 BF‘ ‘EA‘ (B KM‘ I ‘ 2F2A‘ @2 F‘@BF323‘ ‘ 2F‘ @2‘ L‘ 2‘B ‘ @2‘ ‘O2‘ 21 K3!

?‘ @2E‘ BE‘ FBA2‘ @B32‘ 3 F‘E12‘ @BF32C 2E!
@‘3 B I ‘ ‘EA‘ BFA G‘N ‘ 42D
EA‘ EBE2‘ I @B‘ 3‘ I ‘ @2 F‘L2‘ F E1‘
) KF3 ‘ ‘ 3O‘ @2 F‘E ‘C 2‘ BF‘F ‘42!
E‘ FBA2‘ @2G‘ B‘ @2‘ BCE !
@ 2‘ ‘KF2 ‘LBK1@3‘ ‘EA‘ B I 2F3‘
FBC ‘@BK32" BN3‘ ‘EA‘ FBC‘ I EAB I 3
2 ‘BE‘ @2 F‘4F23 3‘ E‘ 3@B I 2F3!

?‘ @2E‘ @2G‘ AF2 I ‘E 1@‘ B‘ 23 ‘
@2G‘ H ‘K 2A‘ AB I E‘ ‘C ‘ E
EA‘ I ‘3@2A‘ @2 F‘@BF323‘ E‘ @2‘ I 2 ‘
@ ‘ ‘3NF E13‘ LG‘ 23 ‘(3‘ ‘E2!
EA‘ 3 F‘ 1@ ‘ ‘1 ‘ E‘ @2G‘ FBKE 2A‘
EA‘ FBA2‘ B‘ 23 ‘(3‘ ABBFD
@2E ‘ O2‘ ‘‘L ‘3 ‘ ‘ I ‘G‘ @2G‘ N ‘332A!
EA‘ EB‘ C ‘E‘ 3 ‘ I ‘ @2C‘ C BF2!J

- 1" 7‘

@2‘ ‘ 2G‘ 3‘ 4 B32A‘ LG‘ ‘E‘ ‘K4@ B ‘ @2‘ 42 2LF ‘ 2A‘ # 7 7‘ 7F 7‘ @2‘ ‘CBK3‘ AF‘ ‘ E‘ BFC2A‘ LG‘ ‘FSK E K3‘ (F 34K3

@' 0 E1' B ' BC2 ' B' AFG' @2' C'F3@G' 'EA' B ' @2' 2 'LFKC!

? E C'' EFL 3' B4''4 F4'' BFKC ' ' '3SK2' E 2F 24 '3' 4B LK3' 4BE"' H' 23 ' SK '' 2M' N 'E 3' B4 3' @'EA' '4 2' 2H2@2L'E ' 'SK'3 ' 4 B'4 3' '' '3"' 1 B' E' L2F C' AK4 3' 3 44' !J% .' L!' !' 4!' 7,!

@2' B'4''2M 2EA2A' FBC' @2' BFKC' B' @2' L2F' 'EA' 3' 3 ' ' 2F' 9 :<<' G2'F3 ' K32A ' AKF E1' @2' ' 2F' N'F ' B ' 3' 4BKF32 ' BF' @2' NKFNB32' BF' I@ 4@' ' I '3' BF 1 E' G' E 2EA2A ' @BK1@' (EG' I '3' 2A' I @' I BEA2F' @' ' E' @ 3' C2' ' @'A' ' F2'AG' I @3 BBA' @2' 2'F @SK'O23 ' EKEA' BE3 ' 'EA' '44 T A2E 3' B ' 32H2E' @KEAF2A' G2'F3!' F'LB' 2 3' @' ' @2' KEE2 ' B ' @2' B'4''I '3' B ' 3K 4 2E' @2 1@ ' B' 'AC ' '' I '11BE' 'A2E' I @' @'G ' LK ' @ 3' NFBL'L G' 3KNNB323' @2' I ' 2F' ' ' 3' BI 23 !' 1F NN' ' I@B' 4 2'E2A' BK ' @2' B'4' ' E'H 1' 2A' 3' I@B 2' 2E1 @' E' '' LB' !' @2' CBK @' B ' @2' B'4' ' 4BCT NB32A' B ' @F22' 4BE42E F 4' 4BKF323' B ' L B4O3' B ' N2N2F EB ' I @BK ' 42C2E ' 3' H 3 L 2' BE' @2' F H2F' '' 2' B' @2' F 1@ B ' @2' 2CN 2' B ' 23 '!

=

? 23' 2KM' BE ' 2E4BF2' KE' ' F' 2 ' 4BC C 2' KE2' BA2KF' A2' C 'H24'12%' SK'EA' BE' FBA2' 'KM' 'NNFB4@23' A2' ''EK ' A'E3' 42' 4B E' A232F ' A2' BC 2' BK' K 'N ' 422' '' 342E2' A23' NF2C 2F3' C BC 2E 3' A2' 3BE' NF2C 2F' FB ' BE' G' F2 FBKH2 ' NF232E ' C 2KM' SK!' K' 2CN3' A2' 2" H2 ' SK2 SK2' 4@B32' A2' ! C NF233 BE' SK2' 42' 2K' A2H' ' NFBAK F2' ' G' '' H E1 "4 ES' 3 24 23' ' !2NBSK2' B ' 32 BE' '' H 2 2' F'A BE ' 2' L2F42 'K' A2' BCK K3' 3!' FF2 '' A'E3' 23' LBK23' AK' 2 'LF2 ''K' N 2A' AK' (' ' E ' NF23' A2' !'E F2' KN2F4' !' ' 'K ' 3!24 'F 2F' KE' N2E' A2' 42 ' 2EAFB ' SK ' 2 ' ' 'K' N 2A' AK' H2F3 'E ' B44 A2E ' ' AK' (' ' E ' 2 ' ' F SK2 SK23' N '3' '' AFB 2' NBKF' ' 2F' 4@2F4@2F' 23' F'423' AK' 2 'LF2' '' B ' 23' FK23' 2 ' 23' @'L ' BE3' C BA2C 23' E2' 23' BE ' N '3' 2E @i2C 2E ' 2 '4223!' E' 3!' H'E ' E 'H2F3' '' B'4'' 'M C ' ' BE' F2E4BE F2' KE' 2E BE42C 2E ' B ' KE2' H 2 2' 21 32 ' 2 2"C 2C 2' 'K' A2A 'E3' @KC A2' 2 ' C B 3 2 ' F 'NN2 2' N 'F' 3BE' EBC ' 'E' * BF1 B' E' 2 'LFB ' SK2' 2' 2 'LF2' '' 2 2' '!' E' HB ' 3BKFAF2' 2E4BF2' 23' 2 'KM' SK ' !' C 2E ' 2E ' 3BK3' KE2' HB 2' 3BC LF2' 2 ' FB 2 ' 'N 33&' A+' C BK3323 ' A2' 34B BN2EAF23' 2 ' A2' 1F' EA23' @2FL23' F 33BE'E 'A'E3' 2' EK !' 2E BKF ' BK ' '' KE' '3N24

F 3 2 2 ' 'L 'EABEE : ' 'L 'EABEE2 4BC C2 2 KF2E ' 'E LBFA AK C 'F' 3 3K H 'E ' \ 'E SK2 F24 ' 23 2E 'E 3 ABE ' BE 4FB ' NF23SK2 B F A 'E3 2 4F2NK34K 2 23 H '1 332C 2E 3! \ C '1 E ' BE E\ ' ' N '3 A2 N2 E2 ' ' 32 F2T NF232E 2F 23 'FLF23 2 ' 23 N 'E 23 'S ' SK23 SK ' 4FB 33 ' 2E ' 3KF 2 LBFA A2 42 ' 2E BE42C 2E ' SK2 HB ' ' 2 ' ' F'H2F3 23SK2 23 ' ' BKH2 A2 ' ' 212EA2 32 1 33 ' ' ' 42 2 2KF2 NBKF H2E F LB F2 ' ' 42 2 2 'K! 23 2KM 3BE ' '332P N2K F2S 2E 23 2 ' '332P 2E4 2KM NBKF SK\BE 32 23 1KF2 4BC C2 3 2 ' 2E ' ' BF3 ' ' BF3 SK\ ' E\G ' H ' ' 4 ' 4BC C2 A ' 2" H2 ' HF ' ' 42 2 B 3 ' SK2 A23 3B KA23 A232F 23 E76R7H 08 '6 # 08$ 6 7 0 S % 9 ' > 60 ' ' ! 9 - !

@2 4@KF4@ I @ @2 N 4 KF23SK2 4 'CN 'E 2 E2 'F @2 'F4@ B ' U 'EK3 3 ' G % ' ') #7I ' BKEA2A E @2 BKF @ 42E KFG ' 3 @2 '3 4 ' 2CNFBE ' ' LK ' F2N2 ' 2A G F2LK ! @2 'F4@ F 'H2 'LBH2 3 NBF 4B . I '3 @ ' ' I @2F2 2EP ' M2A @ 3 'CBK3 E34F N BE ' 'EEBKE4 E1 @2 F2 KFE B @2 * BBA 3 ' 2 0 ? ' I 7 ' 0 9 ' %R ' 7 ' 0 7 ' 7# # ' 7 ' I8 ' 6070 S @2 4@KF4@ 3 32 ABC ' BN2E ' 2M42N ' BE 3 23 H ' ' U 'E! 9< ' 'EA AKF E1 3 3 ' BE E 2E ! @2 E 2F BF 3 E @2 L '3 4 ' ' BFC ' @2 BE1 E 'H2 L2 E1 E2A LG 3 M 22E 4B KCE3 ' B ' H 'F BK3 3 P23 ' 'EA I @ 3 F 'E12 G A 2F2E ' 4 'N ' 3 ' 3@B I E1 @ ' ' F2G @ H2 L22E N KEA2F2A FBC 'E4 2E ' 2CN 23! " @2 4 'FH E1 BE 3BC2 B ' @2 4 ' F ' 3 3 3@ 'FN 'EA A2 4 ' 2! @2F2 3 ' ' F ' @2F @ 'EAT 3BC2 'E4 2E ' L ' A '44@ EB ' I @ 'E B A * F22O N 4 KF2 2 ' E B 3 FBE ' BH2F @2 @ 1@ ' 'F! 2E2 ' @ 3 NF232FH2A ' ' F '1C2E ' B ' @2 L 'EE2F B ' ! * 2BF12! BC2 E KF2A F234B23 E @2 F LKE2 F2N '42 E B3 ' 43 I @ 4@ BE42 2M 3 2A @2F2 ' 'EA I @ 4@ I\2F2 ' F LK 2A B * B B! E @2 42E F2 3 @2 'H BKF ' L2 I 22E @2 F1 E 'EA ! (2 2F 0 BE BE2 3 A2 ' ! * 2BF12 I @ @2 C 'F GF\3 N ' C ' 'EA @2 I 'FF BF\3 L 'EE2F % BE @2 B @2F ' ! 2L '3 'E ' I @ 'E 'FFB I ! 2H2F ' ' F '1C2E 3 B ' 4 'FH E1+ 'EA E34F N BE3 'F2 LK ' E B @2 3 A2 I ' 3! @2 N 4 KF23 'F2 NBBF 'EA K1 G I @ 4@ F2 ' 2 B @2

, ' ‘ ‘ /

3' E ‘ B ‘ @2‘ 4@KF4@ ‘ !‘ * 2BF12‘ @2‘ N' FBE‘ B ‘ E1 'EA‘ 'EA‘ * 2FC 'EG ‘ @2‘ OE 1@ ‘ B ‘ 'NN'AB4 ' ‘ I@B‘ A2 H2F2A‘ @2‘ (F E4233‘ 2BAB EA'‘ FBC‘ @2‘ AF'1BE!

?‘ C BE1‘ 1BBA‘ 3N24 C2E3‘ B ‘ @ F 22E @‘ 42E KFG‘ 'F4@ 24 KF2‘ 3‘ @2‘ NBF 4B‘ B ‘ !‘ * BF1 B ‘ I @‘ BE 4‘ 4B KCE3‘ 'EA‘ @BF PBE ' ‘ 'F4@ F'H2 ' BE‘ I @ 4@‘ 3‘ '‘ 1B @ 4‘ E34F N BE ‘ E‘ SK' E ‘ 2BE E2‘ H2F32 ‘ E BFC E1‘ K3‘ @' ‘ @2‘ 'FA E' ‘ BF‘ (F BF ‘ 2N@2E ‘ 'AA2A‘ @ 3‘ A2 ' ‘ NFBL'L G‘ @2‘ 4 ' C T N'E 2‘ ' 3B ‘ B‘ @2‘ 'E4 2E ‘ 4@KF4@% '@B F ‘ @2‘ C AA 2‘ B ‘ @2‘ @ F 22E @‘ 42E KFG ‘ '3‘ 3‘ 3KNNB32A ‘ @BK1@‘ EB‘ A ' 2‘ 3‘ 1 H2E‘ @2F2‘ 'EA‘ E‘ @2‘ C A3 ‘ B ‘ 'E‘ '12‘ 3B‘ ' 2E‘ B‘ 4 '33 4‘ E K2E423 ‘ '‘ I BFO‘ E‘ I @ 4@‘ 4 '33 4‘ 22 E1‘ @K3‘ NF2ABC E ' 23 ‘ 3‘ F2C 'FO'L 2!J% > 7 6‘ 7 $‘ 0

('F G‘ @ AA2E‘ LG‘ @2‘ NBF 4B‘ B ‘ @ 3‘ 4@ KF4@‘ 3‘ @2‘ L2 'KT K ‘ C E ' KF2‘ R ‘ ‘ 9 0 86‘ 5 '86‘ 2F24 2A‘ B‘ 2‘ 2CN2FBF ‘ @ 3‘ I 2‘ UK '‘ (' ‘ 'EA‘ @ 3‘ 3BE3‘ 'F'4 ' '‘ 'EA‘ * 2 ' ‘ LG‘ @2‘ 3 H2F3C @3‘ 'F12E 'F ‘ I @B‘ @ 'A‘ @2 F‘ 3@BN3‘ E‘ @2‘ BFKC‘ B'F KC‘ BE‘ @ 3‘ H2FG‘ 3NB ‘ ?‘ 4K K3‘ B4 ‘ SK ‘ EH2@2E J !‘ @2‘ N'F ‘ B ‘ @2‘ A2A 4 ' BE‘ F2 ' E1‘ B‘ * 2 '‘ '3‘ E‘ @2‘ 'F12F‘ 'F4@‘ B ‘ 2) C K3 ‘ I '3‘ BL 2F' 2A‘ ' 2F‘ @ 3‘ CKFA2F ‘ EA‘ @2‘ I BFA3‘ 7 #!$//$ ‘ 2" $ $//$ 34 "‘ 8 I ‘ 2E1F'H2A‘ E‘ 3‘ N '42!‘ @2‘ 'F4@ 24 KF2‘ 'EA‘ 34K N KF2 ‘ N'F ‘ B ‘ I @ 4@‘ F2NF232E 3‘ '‘ 3'4F 42‘ LG‘ @2‘ CT N2F ' ‘ 'C G ‘ NFBH2‘ @2‘ A24 'A2E42‘ B ‘ 'F ‘ ' ‘ @ 3‘ N2F BA!

(FB422A E1‘ E‘ '‘ A F24 ‘ E2‘ FBC‘ @2‘ F4@‘ B ‘ U'EK3 ‘ I 2‘ F2 '4@‘ @2‘ @8 @‘ ‘ 07 ‘ 7 7‘ ‘ 6 $ ‘ BE‘ @2‘ 3 2‘ B ‘ '‘ 2CN 2‘ B ‘ 2F23 ‘ A2A 4 ' 2A‘ LG‘ @2‘ 4BE3K ‘ NKF K3‘ '33 K3 ‘ !4!‘ :87 ‘ 'EA‘ ' 2F I 'FA3‘ "2"A2A 4 ' 2A‘ B‘ 2F23‘ 'EA‘ (FB32FT N E2 ‘ NFBL'L G‘ LG‘ K1K3 K3 ‘ I@B‘ @ 'A‘ L22E‘ E ' 2A‘ E B‘ @2‘ 2K3 E 'E‘ CG3 2F 23‘ E‘ * F2242!‘ @2‘ 4@KF4@‘ I '3‘ LK ‘ E‘ @2‘ L '3 4 '‘ BFC ‘ E‘ - ,9 ‘ LG‘ AF 'E‘ ! ‘ I @2E‘ @2‘ E' C2‘ B3C 2A E ‘ FBC‘ @2‘ * F220‘ #BB'NBF‘ 3‘ 3KNNB32A‘ B‘ @'H2‘ L22E‘ 1 H2E ‘ FBC‘ @2‘ BFE' C2E 3‘ I @+ I @ 4@‘ @2‘ 'ABFE2A‘ !‘ ‘ I '3‘ E 2EA2A‘ BF‘ @2‘ K32‘ B ‘ @2‘ * F220‘ 2M 23‘ 2MN2 2A

FBC' @2' '3 ' LG' @2' 4BEB4 '3 3' KEA2F' BE3 'E E2' B'' NFBE CK3 ' 'EA' A2F H2A' @2' 2N @2 ' B ' '!' 'F '' E' 4KB '' *F24' ' FBC' '' ?' 4@B ''J' ' '4@2A' B' ' BF' @2 F' L2E2 ' EB @2F' F2 4' B ' @2' *F22O' 4B BEG' I @ 4@' 2M 3 2A' @2F2' 3' B' L2' BKEA' E' @2' E' C2' B ' @2' 'A B E E1' 3 F22 ' '' A2 '' *F24'!' E' @2' C AA 2' '123' @2' I @B 2' L'EO' B ' @2' F H2F' E2' ' @ 3' I '3' 4' 2A' N'' *F24'!

@2' E 2F BF' B ' @ 3' 4@KF4@' 3' B '1F2' ' E 2F23 !' @2' E'H2' 3' A H A2A' FBC' @2' ' 3 23' LG' I 2 H2' 'E4 2E ' C 'FL 2' 4B KCE3 ' B ' I @ 4@' I B' @'H2' 23N24 ' G' 4KF BK3' 'E SK2' 4'N ' 3 ' 'EA' 'F2' 2H A2E G' F2C ' E3' B ' @2' 2CN 2' I @ 4@' BE42' 2M 3 2A' @2F2!' @2' 4@B F' 3' F' 32A ' '3' ' ' !' 2C2E 2!' @2' N'H2C2E ' 3' B ' 3N 2EA A' NK3' 2M'EAF EKC' 9< D' @2' 'CLBE23' 'F2' N2F 24 / @2F2' 3' '' 4KF BK3' 4FGN D' @2' ' 'F' 4BH2F3' 'E' 'E4 2E ' L'3BE' B ' F2A' 1F'E 2 ' 'EA' 3' 3@'A2A' LG' '' 1B @ 4' 4'EBNG ' 3KNNBF 2A' LG' BKF' 1GN 'E' 1F'E 2' N 'F30' L2@ EA' ' 3' '' E2' 2N 34BN'' @FBE2 ' I @' BE3 ' 3' A' B' @'H2' L22E' K32A' LG' !' K1K3 E2 ' 'E' 'E4 2E ' *F22O' N 4 KF2' B ' @2' F1 E ' 'EA' '' 1F'42 K ' 'L2FE'4 2' B ' C'F B 2' E ' A' I @' CB3' 4 ' LG' & $70 ' 6 70 ' E' @2' 3'4F 3 G' 3' '' H2FG' 4KF BK3' CB3' 4 ' BE2' B ' @2' 2 I ' F2 43' NF232FH2A' FBC' @2' B A' !' (2 2F\3' & ' -<\!' @2F2' 3' 'EB @2F' E' !' 'F4B' ' ' BF2E42! ' F234 CL2E ' @2' BKEA2F' 'EA' @ 3 BF 'E' B ' @2' F4'A 'E' 4'A2CG' A!' -9, ' 3' LKF 2A' E' @ 3' 4@KF4@ ' B ' I @ 4@' @2' I '3' '' 4'EBE!

E' @2' NBF 4B' 3' @2' 3 F'E12' 'EA' @K12' C '3O' B ' 3 BE2 ' I @ 4@' 1 H23' @2' E' C2' B ' : 7' $ ##7') 07' B' @2' E2 1@T LBKF E1' N 'PP'!' ' I '3' L2 2H2A' @' ' ' '' I E233 ' I @B32' FK @ K E233' I '3' ABKL K ' I 2F2' A23 F2A' B' N '42' @ 3' @'EA' E' @2' CBK @' B ' @ 3' C ' O ' @2' I BK ' L2' KE'L 2' B' I @AF' I ' ' '@2' I 2F2' 1K G' B 'N2F KFG!

?' 2 2' BK4@2"A2" 2F 2' 23 ' KE2' 4EF 4E32' F2 S 2' A'' CBG2E' 12f 2' 32FH' ' 'KM' K12C2E 3' A2') 4K!' 1KF2P"HBK3' KE2' C2K 2' A2' CBK E' SK ' F2332CL 2 ' EBE' N '3' ' C ' H 3 '12' @KC ' E ' C ' 3' 'E' H 3 '12' A2' '' KE2' 0 BE' G' A 3 E1K2' A23' G2 M ' KE' E2P' 2 ' KE2' LBK4@2' BKH2F 2' B ' (' 44K32' C2 ' ' '' C ' E' NBKF' NF4 2F' 32FC2E !' 2 2' LBK4@2' CBFA' ' 23' C2E 2KF3('K' CB E3' '' F 'A BE' (' 33KF2!' U(G' ' ' E FBAK ' C '' A2M F2' 2E' A 3 'E ' SK2' 2' * @2 B' 2 ' 'KE' 2K' A2' A2 423 ' 2 ' 2' E(' ' N '3' 2 2' CBFAK!J% "8 #: > ' 07 # 7 ' -'

E' @2' B @2F' 3 A2' B ' @2' NBF 4B' 3' @2' BCL' B ' 'FA E' ' 'EE3 ' BL!' \<!

? @2' 4@KF4@' I '3' F2LK ' KEA2F' ' M K3' !' 'LBK ' '")!' 9, ' LG' 'EE3 ' BC 'E' @'E42 BF ' I@B32' C 'FL 2' 32NK 4@F2' 3 'EA3' E' @2' ' F KC ' I @' @ 3' 2N 'N@' ' BE1' '' BC 4A ' 1 H E1' @ C' @' ' CB3 ' 4BCT NF2@2E3 H2' 2 ' / 'E' @BE23 ' C 'E (' * ' ' "3 ' BC 2' CBF2' @'E' @' '" 'A2A' N ' E E13 ' '' @ 'ABEE '' 'EA' A ' 'E12 3 ' 'EA' I B' C F2A' @2 'A3 ' ' BE' @2' I ' ' L2@ EA' @2' 4 'EBNG ' 1 H2' CNBF 'E42' B' @ 3' @ 'E42 BF(3 BCL!' @BK1@' EB I ' A 3 1KF2A' 2M 2F BF G' LG' '' CBA2C' '4 'A2' E' @2' I BF3 ' 3 G 2 ' E 2F BF G' LG' '' I '11BE"H 'K ' FBB ' 'EA' @2 'HG' N '3 2F3 ' @ 3' 4@KF4@' 3' 3 ' BE2' B ' @2' C2A 'DH' ' 12C3' B ' BC 2 ' 'EA' F2 ' E3' C 'EG' B A2E' A2 ' 30 @2' 4 '33 4' 4B BEE 'A23 ' NFBL 'L G' 2 ' E' @2 F' BF 1 E' ' N '42' 3 E42' @2' C2' B ' AF 'E' !' 0 'EA' @2' E2' 4 'CN 'E 2 ' BE2' B ' @2' B 23 ' E' BC2' R '' 3B' @2' 34K N EF2A' ABBF I 'G ' @2' F 4@' E 'F3 B' N 'H2T C2E ' @ @ 1@' ' 'F ' @2' C 'FL 2' 'EA' CB ' 4" E ' A' 'CLBE23 ' @2' C 'FL 2' 2N 34BN' ' @FBE2 ' I @' 3KNNBF E1' BE3' 'EA' '' N3 ' 4' A24B ' BN' 'LBH2 ' &4! % ' 'B ' @2' I 2 @' 42E KFG!' K ' I 2' @ 'H2' B' F21F2 ' @2' A23 F'4 BE' B ' @2' 'E4 2E '4@B F"34F22E3 ' 'EA' 3 'CBF2' E2M4K3 'L 2 ' @2' I @ 2" I '3@ E1' B ' I ' ' 3KF '423' 3B' '3' 2E F2 G' B' 4BE42 ' ' @2' C2A 42H ' ' N ' E E13' I @ 4@' 'ABFE2A' @2C ' 4BE BFC 'L G' B' @ ' ' BE42' ' CB3 ' KE (4F3 ' ' NF '4 42' B ' NB G4FBC 2' A24BF' BE' E' 4@KF4@23 ' NF234F L2A' 2H2E' LG' ' I ' KEA2F' @ 'F 2T C '1E2!' 'CN E ' 322'@ 3' H ' K 'L 2' @ 3 B G' B ' @ 3' L '3 4' ' C2E BE3' @2' FBE' FBA3' BF' 4KF ' E3' L2 I 22E' @2' 4B KCE3' N @2' E F KEF ' 'EA' @B32 ' 3 ' E' @2 F' N '42 ' E' @2' NBF4@ ' I @' F E13' BF' 3K3N2EA E1' ' ' 3B' '' 3C ' ' 4@ 'N2 ' I @' N ' E E13 (' ' BE2' 2EA' B ' @2' ' F KC ' A23 1E2A' BF' @B32' N2E 2E 3' I @B' I 2F2' EB ' ' B I 2A' B' # BF3@ N' H @ E(@2' 3 '4F2A(LK A E1 '3' 3K4@ ' 2H A2E42' B ' A 34 N E 'FG' BL323FH 'E42 ' F2 ' E2A' ' @2' I 2 @' 42E KFG!' H2F' @2' GF ' ' 'F2' 3BC2' EG' L '3"F2 2 3 ' 3I 'N '42A ' ' BE1' @2' EE2F' 3 A2' B ' @2' (E 2 ' @' ' C ' ' C 1@ ' N '33' KEA2FE2' @' I @BK ' 322C 1' @2 C 0' E' @2' 42E F2 ' '' @ 'EA' L 233 E1 ' H @' @2' * F220

'4 BE' L2 I 22E' I B' 3@22N' ' 2F' G0' @2' BKF' 2H'E12 3 4' 2CL 2C3' 'EA' I B' ABH23' 2'4@' N24O E1' BK ' B ' '' H'32 ' 'EA' BE2' N2F4@2A' KNBE' '' AF'1BE' CBF2' O2' '' P'FA ' B' 3 1E G' @2' H 4 BFG' B ' @2' NKF 2A' 3BK ' BH2F' CKET A'E2' 2CN ' BE3!J% > 7 6" @ 60 7 ' 0

B32' B' @ 3' 4@KF4@' 3 BBA' @2' (' '42' B ' (BN2' *2 '3 K3' !' , !

NB3 2' @2' 4@KF4@' 3' '' L2'K K' BKE ' E' 2F24 2A' LG' BE2' B ' @2' 2A 4 ' 'EA' L2GBEA' ' @2' 1F'42 K ' FBKEA' 2CN 2' EB I' 4' 2A' @2' 9# ' ') 607' 3KNNB32A' LG' 'E E'' B' @'H2' L22E' @' ' B ' ' 2F' ' K ' ' 'EA' LG' B @2F3' B' @'H2' L22E' @' ' B ' 2F4K 23' BKEA2A' LG' (BCN2G!' ' 3' OEB I E' B' @'H2' 2M 3 2A' E' @2' C2' B ' 23N'3 'E!' ' 3' H2FG' 3C' ' @2' 4 F4KC 2F2E42' B ' @2' N2F 3 G 2' L2 E1' BE G' \ ;' 22 ' 'EA' @' ' B ' @2' 42 '' 9;' 22 % @2' @2 1@ ' B ' @2' 3KFFBKEA E1' BF E @ 'E' 4B KCE3' BF 1 E' G' I 2E G' E' EKCL2F ' 79' 22 !' @ 3' 2CN 2' I '3' F3 ' A2A 4' 2A' '3' '' 4@KF4@' KEA2F' @2' E' C2' B ' !' 2 'EB' A2 2' 'FFBPP20 ' 3' EB I' 4' 2A' 07 ' 7 7' $ # #

@ 3' 3' EB ' @2' 2CN 2' B ' 23 '' I @ 4@'V I '3' 3 K' 2A' E2 'F' @2' 4@KF4@' B ' '!' 'F '' L2F' F 42' E' @2' BFKC ' B ' I @ 4@' BF'42' I FB 2' 0%

?' A CK3' 'HKC' L2F C ' F2 BF 3'
BF2' E 34B' H B 2E 2F' KEA 3!
F2' A2 24 KC' CBEKC2E '' F21KC
2CN 'SK2' 23 32!J
7 ' !' 9!

@2' CBA2C' BH2F@'E1 E1' FBB ' B ' @2' 2CN 2' @'3' L22E' CK4@' BL 24 2A' B ' '3' ' F2N '423' 'E' 2E 'L ' KF2' O2' @' ' BE' @2' 2CN 2' B ' @2' LG ' ' ' HB 0 LK ' 'F 3 3' 'AC F2' @2' 2MSK 3 2' N 'G' B ' 1@ ' 'EA' 3@'A2' 4'K32A' LG' 3' FK112A' 23 ' 'EA ' EA E1' ' '' N2F 24 .' 3KL 24 J I 3@' BF' EB' 4@'E12!

? 23 ' 'KNF 3' A2' '' BK4@2"A2" 2F 2 ' A2H'E ' 2' N2 ' 2CN 2' A2
!' !' N' 6

23 ' ' SK2' '' K3 42' FBC ' E2' 2M24K 2' KE' C2KF F 2F' 3KF' 42' !' >K'EA' ⇩'FF H' '3KF' '' N '42 ' BE' E⇩G' 1K B E' ' N2F3BC 2'⇧ C' 3' 3 M' 4K 3 E 2F23' ABE ' KE2' 'K33 ' L2 2' SK2' UKEBE ' 4 'E3' 2E ' '' 'F'E 2 2' KK' 3BE' A⇩ E' 'C LBKF' A2' L'3SK2!' ' @2KF2K32C 2E ' A 23' A H E2F2E ' C'' SK' A' A⇩2 F'E12F ' 2 ' A 23' 32' C F2E ' ' NB 02F' 42E F2' '' C 23 K2 J⇗% I 80

B32' B' @ 3% BH2F@ 'E1 E1' '' 2' @B B I' I 'G% 3' @2'
9# ' 'E 08 7') # 6 ' LK ' BF 1 E ' G' LG 2FH K3' K3 '
LK ' F2LK ' AKF E1' @2' F2NKL 4 ' 'EA' ' @2' 2M 3 E1' LK A E1'
3' F2 ' G' F2NKL 4 'E ' @2' CB3 ' 'E4 2E ' 2CN 2' F2C ' E E1'
E' BC2!' ' 3' 3KFFBKEA2A' LG' BE 4' 4B KCE3' BE2' 3 A2'
L2 E1' 2E4 B32A' E' B @2F' LK A E13 ' 9,' 22 ' @ 1@' 4 B @2A'
I @' @ 'FA' 3 K44B ' 'EA' 3KNNBF E1' 'E' 2E 'L ' KF2' 'ABFE2A'
I @' 1KF23' B '4@ AF2E ' BM2E ' 4 'EA2 'LF' ' &4!' @2' BC 'E'
C ' FBE3' @ 'A' '' 1F2 ' ' F21 'FA' BF' @ 3' 1BAA233 ' I @B' I '3' 3KNT
NB32A' B' @ ' H2' @2' NB I 2F' E ' 4BE42 ' E1' @2 F' N2F3BE ' ' CN2F'"
24 BN3' FBC' @2' 2G23' B ' C2E!' ' @2' 4 B32' B '" @2' 2E @'
42E KFG' @ 3' 2CN 2' I '3' 4BE324F' 2A' B' @2' F1 E ' LK ' @ '3'
3 E42' L22E' L23 B I 2A' KNBE' 0 ' 7 3' ' %3 0
D 'FA' LG ' 1⁄2' '' N 4 KF23SK2' 2EA' B ' LK A E1' 'A2E' I @' F 4@'
LK ' F 4BE1FKBK3' 34K N KF2 ' ' ' BES' C2' 4' 2A' ?' @2' BK32'
B ' (' 2 J' LK ' EB I' OEB I E' '3' @2' > 86 ' ' 7 4 ' '
A2F H23' 3' NF232E ' E' C2' FBC' '' BE1' E34F N BE' BH2F' ''
ABBF I 'G ' I @ 4@' ' 23' I @' @2' LBCL '3 4' 2N @2 3' '33KC2A'
LG' ?' @2' '3 ' B ' @2' F LKE23' J' E' @ 3' NBCNBK3' 2 2F' B '
K1!' F' 7 : - ' I @2E ' E' @ 3' 32C "C 'AE233 ' b 2' 3KCCBE2A'
O E13' 'EA' 2CN2FBF3' ;' 'NN2'F' L2 BF2' @ 3' KA1C2E "32' !'
@2' E34F N BE' 4 B323' 0%

?' (F C K3' A2' NF C 3' C '1EK3' 4B 'K3' 'L' C 3
F2M ' N ' FKF '' A24K3' BL' F2EBH 'F2' 3KBFKC!
' ' N ' F 3' F23 2E3' C ' F 3SK2' @2BABF ' ' EBC2E!
B2' 4K C2E' 4 'FKC' 4 'FB' A2' 1EBF2' 1233
) 'H AX⇧ F LK ' SK ' N ' 2F' 2M@ LK ' J

/) / E /

3 L2 2H2A FBC @2 E34F N BE @' @2 @BK32 I '3 BF 2A LG 4@B '3 3BE B F2342E K3 'EA @2BABF' I@B 1'H2 B) 'H A @ 3 3BE @' @2 F2342E K3 ' KA2A B I '3 3BE B @2 'CBK3 N' F 4 'E I@B @2 'A2A @2 NBNK '42 '1' E3 @B !' 'EA @' @F22 42E KF 23 ' 2F @2 @BK32 C 'G @'H2 L2 BE12A B B '' A 2EP '' E' C2 I@ 4@ 3 E '4 BE G NBNK 'F 'E1K'12 BF 44B '' F2342EPB! 3 @B I2H2F' OEB I E @' 2EP I '3 EB LBC' E @ 3 @BK32 LK E '' E'FFB I' 3 F22 L2@ EA ! BC C '3B E @2 BE2 '' 21B '' I@2F2 @ 3 ' @2F BF2EPB O2N .' '@ EE 'EA @ 3 CB @2F 'AA' 2E' 1' E2A @2F A' G LF2'A '3 '' I '3@2F I BC 'E 'EA I ' 2F"4'FF 2F %3B I2F2 @2 F2342EP ' 2E

2F2 3 @2 2E F'E42 B '' 3K3N2E3 BE"LF A12 I@ 4@ B E3 @2 F2C' E E1 'F4@23 B @2 ! 0 ! 00 'F A 2'A3 B @2 F'3 2H2F2! E @ 3 3 2 I '3 @2 (BE3 F C K3 L21KE !4! , B LG ! C K3 2N AK3 'EA 'F4K3 K H K3 BL BF 'EA E 3@2A LG (! 4 N B F 4 'EK3 'EA ! KC E K3 @2 42E3BF3 E : 9! 42 @2 LBAG B @2 CN2FBF 2 B1'L' K3 I '3 @FB I E E B @2 L2F! @2 LF A12 @'3 L22E @F22 C23 F2LK LG A 2F2E NLN23 LK FHB B 3 'F4@23 I2F2 E' G 4'FF 2A ' I 'G E' 'E EKEA'T BE B \8, 'EA @'H2 E2H2F 3 E42 L22E F2N '42A! @2 2M 3 E1 F2C' E3 I@ 4@ BE G A' 2 FBC @2 C2 B UK K3 ! 'F2 @ 1@ G N 4 KF23SK2!

?' >K'EA BE ''F 'L 'KE NBE 2E 'A2 2F BE ''ABEE2 NBKF L'32 23 N 23 AK (BE 2" B B 2 2H2 'K CBG2E '12 K 23 BEA2E 2E 2 AK (BE3 (' ' EK3 SK K ''4@2H2 3BK3 ''42E3KF2 A2 4 N BE F 4' E! 4 N BE F 4' E 2 KE NBE 2E 'A2 2F HB ''A2 423 4BE F'3 23 SK BE E2 FBSH2 SK BC 2!J% 9 9 !9<8!

FBC @3 LF A12 3 @2 L23 H 2 I B @2 3B '' L2F E'' 'EA 3 LF A123 'EA @2E42 ' 3B @2 2CN 2 B 23 '' 3

, E 7 ' " ' /

322E' B' 1F2' ' 'AH'E '12!' UK3 ' L2 B I ' 3' @2' CBK @' B ' @2 B '4 ' ' 'M C '!

? ' > K 'EA' A ' (BE 2" B B' BE' 4BE3 A2F2' 2' F N 2' 4 E F2' A2' ⇩BKH2F KF2' N 'F' 'SK2 2' U'' B 'N ' ' 'M C ' '32' A24@ 'F12' ' A 'E3' 2' LF2 ' BE' ' 'A2H 'E ' 23' G2KM' KE' C BEKC 2E ' SK ' F 'NN2 2' L2 'K4BKN' A2' 1F 'EA2KF' 2 ' L2 'K4BKN' A⇩BNNF233 BE!' 2' CBEKC 2E ' 2M F 'BFA E ' F2' 23 ' KE2' N '12' CNBF 'E 2' A2' ⇩@ 3 B F2' FBC ' E2!' ' 23 ' ' ' ' B 3' ' '3KNF2C2' 2MNF233 BE' A2' ' 'NK G 'E42' A23' FB 3' 2 FK3SK23' 2 ' 2' 3 1E2' 'H 'E "4BKF2KF' A2' 2KF' 4@K N!' ⇩BE' 4FB ' HB F' ⇩'F4' F BCN@ ' 'A2' ' 'FBG 'K 2' N 'F' B ' A2H ' ' 2E F2F' ' ' F2NKL SK2!' J' % 9 ' > 60 ' ' !' 977!

E' @2' L2A' B ' @2' F H2F' ' ' 2' B I 2F' AB I E' C 'G' L2' 322E' ' ' B I ' I ' 2F' 3BC2' C '33 H2' F '1C2E 3' B ' C '3BEFG!' 2F2' 3 BBA' @2' ! 06' 8I# 86 ' @2' B A23 ' LF A12' E' BC2 ' LK ' LG' E4K3' 'F E3' % ' ;78 ' BE' I6@ 4@' BF' K3' B4 23' 'EA' @ 3' IB' 4BCN 'E BE3' ? O2N ' @2' LF A12J' '1' E3 ' @2' FK34 'E' 'FCG' B ' 'F3' (BF32EE ' ' %'

6 ? '4O' A 'F 2A' NKF K3' 'F K3' D
2FC E K3' A 'F 2A' L '4O' 0
EA ' '3' @2G' N '332A ' L2E2 ' @' @2 F' 22 '
= ' @2G' 2 ' @2' CL2F3' 4F '4O!
K ' I @2E' @2G' KFE2A' @2 F' '423
!' EA' BE' @2' 'F @2F' 3@BF2'
' I ' LF 'H2' BF' K3' 3 'EA' ' BE2!
@2G' I BK A' @ 'H2' 4FB332A' BE42' CBF2!
?' K ' I @' ' ' 4F '3@' O2' @KEA2F'
2 ' 2H2FG' BB32E2A' L2 'C!
EA ' O2' ' ' A 'C ' @2' E 1@ G' I F24O'
'G' F 1@ ' @ I 'F ' @2' 3 F2 'C' 0
EA' ' ' BE1' 3@BK ' B ' F KCN@'
B32' FBC' @2' I ' 3' B ' BC2
/ 3' B' @2' @ 1@23 ' KFF2 " BN3
'3' 3N '3@2A' @2' G2 BE B 'C!

7 78#736 736

@2' E 'C2' 2' KL 4 K3' 4 'C2' FBC' @2' I BBA2E' L2 'C3' B ' 3' 4BE3 FK4 BE ' I @ 4@' 2E 'L 2A' @2' BC 'E3' B' 4K ' ' ' I 'G!

@2' LF A12' I '3' F2LK ' LG' L2F K3' 'EA' '1' E' LG' E BE EK3' (K3 ' 2 '4@6 C2' B ' L2 ' C3 ' LK ' KNBE' 3 BE2' N 2F3 6B ' I @ 4@' @2' NF232E ' F2C ' E3' 'F2' F'1C2E 3 ' @2' F23 ' @ 'H E1' L22E' A23 FBG2A' LG' 'E' EKEA' BE' E' @2' C2' B ' AF 'E' !=

E' 6 @26 F'3 2H2F2' L'E 4 ' L2 I 22E' @232' IB' LF A123 ' @' ' @ AA2E' E' 3@FKL3' 'EA' HG' LK ' IBF @' 2M'C E' BE' E' '' LB' ' 'F2' IB' 1 1 'E 4' 7$6' ' 6 ' B' I @ 4@' E' 'E4 2E ' C23' 4@' E3' I 2F2' '3 2E2A ' 'EA' AF' I E' '4FB33' @2' F H2F' B' NF2H2E ' @B3 2' H2332 3' FBC' N '33 E1!

'2'F' @ 3' I 2' 2E 2F' @2') 7' ' , 57 ' & ##70 ' A24BT F' 2A' I @' FF 2 BK3' 6@2 'A3' B ' UB@E' @2' ('N 3 ' E' @2' A 3@' 2 ' E B'" @26 I ' 3' BH2F' @2 ' AB F3' B ' @2' @BK323!6 @2' ?' BE F' 2 E @' A2 '' 32F 4 A '' A ' ' * BH'E$ ') 24B ' B 0(BKEA2A' E' F: , ' A2HB 2' @2C32 H23' B' 4F E $' '4BEA2CE2A' B' A2' @!' @2 ' H ' 2F ' ' NF 3BE0' '44BCN 'EG' @2C' B' 2M24K BE ' F242 H2' @2 6 LBA 23 ' 'EA' " ' C '3323' BF' @2 F' 3BK 3' E' @2 F' 2' 4@ 'N2 ' '3 'F ' 1 H23' @ 26@ 1@23 ' NF' 32' B' IB' N 4 KF23' B ' F'E 234 ' ' H ' ' E' ' @2' 4@KF4@' B ' !' * BH!') 24B ' B ' ?' L2 BF2' I @ 4 ' ' ' BC2 3 BBA' 3 ' E' 'AC F' BE J% F2NF232E E1' @2' 'NN2'F'E42' B ' @2' 'C12 ' B' `'4@'F '3 ' 'EA' @2' C22 E1' B ' @2' F1 E' 'EA' P'L2 @!

E' @2' 2 ' 3' 0@ 'SRR 6 $7#' ' 07 ' 7##7 ' 4BCC2CBF' E1' @2' N BK3' BKEA' BE' B ' '' BC 'E' C ' FBE' E' @2' C2' B ' UB@E' !' \97"\9; ' I@B' ' ' E2A' 3K4@' 42 2LF G ' @' ' 3@2' 3' 3 ' 4BCC2CBF' 2A' E' @2' BC 'E' C '33' LG' @2' NF'G2F%

?' C 1@ G' 'EA' C2F4 K '' * BA ' I@B' A ' 3 ' 'ABFE' @2' L 2332A' * ' '' I @6 @2' H F K2' B ' '' I BEA2F K ' BH2' B I 'FA3' @G' NBBF' 0 1F'E ' K3 ' @FBK1@' @2F' C2F 3' 'EA' NF'G2F3 ' B' NF'4 32' I BFO3' B ' BH2 ' 'EA' B' BL ' E' @G' C2F4G ' @FBK1@' @2' BFA ' &4!' C 2E J

E ' BF' H2FG' E2 'F' @ 3' 3 2 ' 3 [BA' @2' ! 07 ' 7 07# ' I @ 4@' I @' @2' 2CN 2' L23 A2' ' 4BCC2CBF' 2A' 'FC2E '

@2' 3KNNB32A' CB @2F B ' H'EA2F ' '' 'L E2' NFBN@2 233 ' I@B' 3' C 'A2' LG' H A' B' NF2A 4 ' @2' K KF2' 1F'EA2KF B ' BC2! ' 'FC2E '' I '3' 23N24 ' G' EHBO2A' LG' IBC2E' E' 4@ AL F @!' @2' (BF '' 'FC2E ' 2' I '3' F2'4@2A' FBC' @2' BFKC' LG' @2' 4K3' UK1'F K3!' ' I '3' LG' @ 3' FBK 2' @' ' @2' 'L ' I2E ' BF @' B' C22 ' @2 F' ABBC' E' @2' H' 2G' B ' @2' C2F'!' @2' (BF '' @ 'A' IB' 1' 23% BE2' BF' @B32' I@B' 2E 2F2A ' @2' B @2F' BF' @B32' I@B' 2 ' ' 3B' @' ' E' 2 '4@' 4'32' @2' N'332E12F' N'332A' @FBK1@' @2' ? U'EK3 J' '3' ' H'3' 4' 2A ' KNBE' @ 3' F 1@ !' 2 ' @2' C '33'4F2' B ' @2' 'L ' @2' FB'A' LG' I@ 4@' @2G' 2 ' @2' 4 G' I '3' 'HB A2A ' 'EA' @2' U'EK3' 'FC2E ' 2' BE' @2' F 1@ ' IC3' 4 B32A ' 'EA' 4' 2A' @2' (BF '' 42 2F' '!

?' 'FC 2E 3' NBF B2' A2M FB' H '' NFBM C '' U' EB' 23 !
F2' N2F' @' E4' EB ' SK 3SK 3' 23' D' BC 2E' @' L2 !J
7 #,.' / #' !' 9< !

UK3 ' L2GBEA' @2' (BF '' 'FC2E ' 3' I '3' @2' A 3 F 4 ' 4' 2A' 7 08 ' I@2F2' @2F2' I '3' '' 3KL 2FF'E2'E' ? F '') 3' (' F 3' 2 ' (FB32FN E32!J

2' EB I ' F2'4@' 2 ' @2' @8 @' ' ' # ' @ ' 7 (' ' @'3' '' C2'E' FBE ' I @' 'E' E34F N BE' E' @BEBKF' B ' BE2' B ' @2' ABLF'EA E ' 'C G' 'EA' 3' BE G' E 2F23 E1' '3' B44KNG E1' @2' 3 2' B ' @2' @F22' 0 9# 6' ' 80 ' 708 7 ' ! 03', K ' 7 ' > 9 ' I@ 4@' 'F2' L2 2H2A' B' C 'FO' @2' 3 2' B ' @2' BFKC' BF KC!' @2' H'K 3' L2E2' @' @2' 4@KF4@' 4BE ' E' @2' C '33 H2' 3KL3 FK4 BE3' B ' @232' 2CN 23 ' 'EA' F'1C2E 3' B ' @2 F' 4B KCE3!

@2' 42E F ' ' 2CN 2' 3' L2 2H2A' B' L2' ' ' B ' (2 G ' LK ' LG' !' 4 K3' * 'LF B ' @2' AKKCH F ' E' ' ;\' @BK1 ' (EG' 3'G3' @' ' @ 3' 2CN 2' I '3' BE' @2' 3 2' ' 2F I 'FA3' B44K"

N 2A LG @2 @2' F2 B 'F42 K3 E K C2E B '' HB I C'A2 LG @ 3 ' @2F '' 4BE3K B @2 3'C2 E'C2 BE @2 A'G B @ 3 A2 2' E1 @2 BF423 B E B4@K3 @2 *F2' O E1 B GF ' ' ' @2FCBNG '2' @2F3 2EA2'HBKF B A2E G I @ @2 2CN 2 LK BE @2 3 2 B @2) 242CH F' 9cF 3BE3 B O22N KN @2 F24B 24 BE B @2 'CBK3 3 BFG 4' 2A @2 ?' '3 BC'E' J% B '' IBC'E 4BEA2CE2A B A 2 B @KE12F E NF 3BE L2 E1 EBKF 3@2A LG @2 C O B @2F BIE A'K1@ 2F! (EG 'EA ' 2F K3 'M CK3 2 @2 3 BFG '3 B '' CB @2FD 23 K3 BE G 3N2'O3 B '' ' @2FD Q G2 ' 'F 'EA NB2 FG @'H2 ' I'G3 B BI2A @2 ' 2F 212EA! 42 3 3@BIE LG BF4@ 1@ '3 @2 342E2 B @ 3 BK4@ E1 E4 A2E !

?' @2F2' 3' ''AKE12BE' E' I@B32'A C'AF2'F 1@ '
@' 'AB' '1'P2'BE'R B @ E1!' BBO''1' E' X
I B' BFC3' 'F2' 3 B I G' 3@'ABI2A' BE' C G' 3 1@ %
I B' E3K ' 2A' N@'E BC3' B ' @2' LF' E' 0
' 3'EB '3B0 '322' @2C' K ''EA' N ' E3'
E' B A' C 'E' 'EA' '' 2C ' 2' GBKE1' 'EA' ' F
'F23@' '3' ''EKF3 E1' CB @2F' E' I@B32' H2 E'
@2' L BBA' 3' E24 'F0% LK ' I@' 'AB @' 3@2' @2F2
@' @2F' KEC 'E 2A' E240 ' 'EA' LB3BC' I@ 2' 'EA' L 'F2' R

?' K '@2F2' GBK @' B 2F3' B' B A' '12' @2' BBA!
@2' C O' B '@ 3' B I E' 1 0% ' 3' @2F' 3 F2!
B' I@BC' 3@2' F2EA2F3' L '4O' @2' A2L ' B 'L BBA'
BFE' I @' @2F' L F @!' B ' @2' @' 'EB '2MN F2'
@ 2' E' @B32' I 'FC' 'EA' BH2 G' H2 E3' @2' F2'
'@2' @' 'EA' @B G' 22 E1' 4 'E' NFBH A2'
* F2' ' ' KF2Q3' 2 ' I@B32' A22N' 3 F2 ' C ' F 323' @ 1@2F'
@ 'E' 1GN Q3' F H2F FB C ' @' '12E 2' 3 A2'
) F EO ' AF EO ' 'EA' H2 D' B A' C 'EX 2' H2EQ3' F2 ' C ' @B A3'
EB' 3K4@' A2!

' (E! ! 'H ! 7;D' ' !' 'M!' H!' : -D 23 K3 'N!' ;<8!

?' @2'3 'FFG' 'L 2'B ' @2'C OG"I 'G'
'3'EB ' @G'3 BFG◊3'NKF G'◊ ' 3'
'4BE3 2 ' BE'B ''3I22 2F'F'G!
EA'3'4F2A' ' KF2' F KCN@3'CBF2' E' @ 3'
2H2F32'B '@2F'A24F22 ' @'E' E' @2' 'LG33'
@2F2' 3N 'FO 2'A 3 'E ' IBF A3'0% '@B 23 'EKF32'X
B'AFBN'B ' @' '4 2'F'3 F2'C' 3' I 'G'3@' 'C 33'
B' @G'3 F2◊3'@2'F 'F2N 2E 3@ E1' 3'3BKF42'
@' 2' '3'BKF' F22A'3BK 3'F2 B E' @2'K F H2F32!J
%"5!'

'C2CBF ' 'B ' @ 3' BFG'B ' ''NF 3BE' 3'NF232FH2A' E' @2'
E'C2' B ' @2' 4@KF4@% !' 4B B' ' 7 ' 'I'3'NFBT
L'L G'BI E1' B' @ 3' 212EA' @' ' E' FBE 'B ' @2' 2CN 2'
B '(2 G 'I '3'N '42A' @2' @ 7' 7 07 7 'I@2F2' E 'E 3'
I2F2' 2MNB32A ' E' @2' @BN2' @' ' 3BC2' BE2' IBK A' 'O2'N G'
KNBE' 'EA'EKF32' @2C'BK 'B '4@'F G!
'I A2'BN2E E1'BK 'B ' @2' 3 F22 'E2'F' @ 3' I @' '' NF2 G'
BKE ' E ' 3' 4 ' 2A' @2' E 7447' 07 7 7 'EA' 3'BE2'B ' @2'
N '423' I@2F2' @2' 4BKE FG'N2BN 2'4B 24 ' 'EA' I ' ' BF'@ F2!

◊?' 2' A C 'E4@ 23 ' 2' BKF'BK' 23'N 'G3 'E3' 'FF H2E 'O' BC 2!' 2KM'SK '
4@2F4@2E ◊2C N B ' A2' 2KF3' LF'3' H 2EE2E ' 32' BK2F' 'KM' C 'F4@'EA3' A2'
4'C N '1E2 ' 4◊23 "@"A F2' 'KM' 2FC 2F3!' 2KM' SK ' 32E ' BK23' 2 ' SK '
F'H' 2E '@BF3' A23' C KF3'H 2EE2E ' ' F2' 2KF3' ' ' F23' 2 'F2EBKH2 2F' 2KFR'
NFBH 3 BE3!' 3' 2E F2E ' 2E'H 2' 'K' N2 ' BKF' 'NF23' 'HB F' C 'F4@2' KE2'
LBEE2' N 'F 2' A2' '' EK !' @'SK2' 'C 2' 'C E2'KE' E2 'SK 'NBF 2' 2'
L'1'12!' BC C 23 ' 2C C 23 ' 2 '2E 'E 3 ' NBK33'E ' 2KF' 'E2'A2H'E ' 2KM '
3◊2 'L 332E 'A'E3'KE'4B E'A2' ''N '42' 'FE232 'BK'A2' ''N '42' BE 'E'F' '
23' LBK SK23' HB 3 E23' F23 2E ' BKH2F 23' K3SK◊'' C A ' N'F' KE'NF H 212'
3N24 ' !' E' H' ' BE' H 2E ' A@' '4@2 2 ' BE' 3◊'44FBKN ' A'E3' 23' 4B E3'
NBKF' 4BC N 2F' 23'N 2423' A2'4K HF2!' 2N2EA 'E ' 23' 'E23'32'F2NB32E ' 3KF'
2KF3' SK ' F2' N 2A3' 'K' LBFA' A23' BE ' E23!' 23' 2C C 23 'H2 K23' A◊KE'
4BF32 ' 2E' 4K F'332 ' A◊KE' 'L 2F' FBK12 ' 2 ' A◊KE2' H23 2' F'G22 ' 2E4'AFSE '
2S ' 1KF2' @A 22' A'E3' KE2' AF'N2F 2' A2' E12' F23"L 'E4!' 23' 3BE]'
BK 23' 'N2 EAF2' 3'E3' 2M42N BE'◊ SK'EA' 42'E◊23 'N '3' NBKF' '' L2'K 2' A2'
2KF3' F' 3 ' 4◊23 'NBKF' ◊2 21'E42'E ' H2' A2' 2KF ' ' KA23!' 23'@BC C 23'
BE ' 2◊' BE1' C 'E 2'K'L 2K'A2' 4 2 ' 2 ' 2' 4@'N2 'K'NB E K◊ '"A233BK3' 2 K3

@'L 3'A2' F'H' ' BE ' C 2FH2 2 ' SKB SK2' FBK33 3' N 'F' 2' 2C N3' 2 ' 4BK 2KF' A2' N2FAF M!' 2' 4B3 K C 2' E◊23 ' N ' 3' KE BFC 2' ◊ BE' HB 'N K3' A◊KE' C 'E 2 'K' 'C 'ABK' F 'N 242' A2' L 2K' H 'BK' A2' FBK12' 1 'F 'E42!' 2' 4@ 'N2 'K' A2' N ' 2' 'LBEA2' 2E' 2 2!' '' 4@ 'K3 'KF2' 23 ' F 2"4 'NF 4 2K32◊ 3BK 2F' .LB 2' 2 ' 3 'EA ' 2' BK 2E ' 3K44233 H2C 2E ' 2' N ' H2!' 23' A24@ 'K3323' FBKH2E ' 4 'NF23' A2' 1F' EA23' 2 ' NFB BEA23' LBK SK23' BK' ◊BE' H2EA' A23' C 'F4@ 'EA 323' A◊B44 '3 BE!' 'G' ''A23' 3BK 2F3' A2' BK '4K F'2 ' A2' BK ' ' 12' A 'E3' 423' F23BF3' A2' '' 4@ 'K33KF2◊ BE' G ' FBKH2F' ' A23' BB @KFE23' A2' ◊'E' \<M\' A2' '' F2N') SK2 ' 2E' 4@2F4@ 'E ' L 2 K' U2' H 2E3' A2' HB F' KE◊' N 'KHF2' A 'L 2' SK ' 233 'G' ' C 2' N ' F2' A2' LB 23' '' F2H2F3!' 23' HBE ' '' 323' ' C L23' 4B EC 2' KE2' N K C 2' '' BF2 2' A◊KE' NBF2 ' 2 ' 2◊23 ' N ' 3 F' A2' HB F' '' 1F C '42' SK◊ ' ' '4 'SK2' B 3' SK◊ ' NB32' 2' N 2A' '' 2FF2!' ' 3' 2' C 'F4@ 'EA' 2' BF 2' N ' F' A2' LBEE23' N ' FB 23◊ /' 2' 4F' E3' F 2EW' K ' A " ' /' E' 3BK F F' 3' N2EA ' E ' 4C S' BK' 3 M' BKF3 ' 2 ' NK 3' K' E◊G' N2E32F' 3' N K3!◊ $ E' 'K F2' C 'F4@ 'EA' AAL 2' A23' 4 AK3' @' '' H F2' ◊ 2' 4@ ' 'EA' 23' 2E BE42' K "C ; C 2' A 'E3' 323' 32 E2 $ 23◊ ' ' '' A23' ±L 'E2◊3' 5' -' 2' BE1' A23' CKF3 ' ◊4 ES' BK' 3 M' 4@ ' 323' A2' N ' 2' 32FH2E ◊' A ' LBK SK2' '' 'K 'E ' A2' L 'FL 2F3' 2E' N 2 E' H2E ' ' 2E' 4BK 2' KE' 3BK' NBKF 'L ' F2' KE2' L 'FL2' A2' @K ' BKF3!' 2' N ' 2E ' L 'FLBK 2' A2' 3 'HBE ' F21 'FA2' 2' 4 2 ' A◊KE' 42 ' F23 1E2◊ 2' L 'FL 2F' K ' FL' 2' E2P ' K ' C 2 ' 2 'AL 1 ' A 'E ◊ ''L◊B 4@2 ' ◊ L 2FFBC N 'NB F' ' 1E 32F' 2' F '3B F' 3KF' KE' 4E F' ' 'A 2' 'K' AA33 2F' A2' '' 4@ ' 32 ' BK' NBKF' 24BFE2FKE2!' 1 ' 2 2' EB F2' SK ' N2EA' 'K' C KF!' 2N2EA 'E ' ◊BN2F ' BE' 23 ' ' 2' 2E' KE'± BKF' A2' C ' E' ◊ 2' F ' 32' 32' 2H2' 2 ' 3 '' N ' 42' 23 ' NF 32!' ' NBKFF' '' 2F' 32' 'H2F' '' '' BE ' E2 ' C ' 3' ' FBKH2' N K3' 3 C N 2' A2' 3◊233KG2F' AK' F2H2F3' A2' 3 '' F' 'E2L2!' '

/'/ 23' 24F H ' E3' NKL 43' ' 2FE2E ' 'H24' 23' L 'FL 2F3!' E' 2KF' 'NNBF 2' 23' 2 F23' SK◊BE' '' F2 K23' ◊ 3' 23' 32E ' 2 ' BE ' '' F2NBE32' ◊ B ' ' FB 3' 3BK3!') 23' SK◊KE' N ' G3 ' E' 3◊' NNFB4@2' A2' '' 'L 2' NBKF' A 2 2F' SK2 SE2"4@B32 ' 4 ES' BK' 3 M' 4KF 2KM' 32' F2KE 332E ' B 4 2K32 E2K ' 'K BKF' A2' K ' NBKF' C 2KM' ± 2E 2EAF2!' 'G' ''KE2' 42F ' E2' LBE@BC 2' A 'E3' 42 2' EA 34F2 BE!' @' 4KE' ' N '42' 3BE' C B ' 4@ ' 4KE' ABEE2KE' 4BE 2 ◊' / KA2HF' 3' A F2' 424 !◊% / BE' ◊ A 3' N K A ' 42 '! % /' ' 332P" 2' N ' F 2F '◊' 4F 2' KE' FB 3 2C 2 ' /' ' 3 ' ' C 2KM' SK2' HBK3' 42' SK◊ ' H2K ' ' F2' 24F F2!◊'

? ' > K2 SK23' HB KF23' 4@ ' F1223' A2' 1 ' 2 23' A◊BF12' 2 ' A2' C ' 3' 4 F4K 2E ' 'K' C 2K' A2' '' BK 2!' $ E' C 'F4@ 'EA' A2' C BE 'A2 ' 'FC 2' A◊KE2' N E42' A2' LB 3 ' & F ' 32' 23' 4 FBE3' A 'E3' 23' H2FF23!' ◊@BC C 2' 3BLF2' LB ' '' '' BE ' E2' 2E' ' 3 'F ' KE' 'SK2AK4' A23' LBF 3' A2' 3BE' 4@ 'N2 'K!' 2' 1BKFC 2 ' ' 4@2 2' A23' H 'EA23' A◊B44 '3 BE' A2H 'E ' KE' N2 ' A ' '12 ' BK' 23' F2LK 3' A2' 4K 3 E2' 32' H2EA2E ' O' '' NB 1E22!' (BKF' KE' 3B+' 2' A2L 'E ' F2C N ' A2' L42K ' @ ' 4L2' 2 ' ◊B3' A2' 4B 2 2 23' KE' C BF42 'K' A2' H 2KM' BKFE ' ◊' KE2' N E422

, $ (7 ' = ' A

A2' 32 ' ' BK 22' 3EF' 2' BK ' N 'F2' '1 2 'L 2C 2E ' '' A2EF22!' ()'4@2 2KF' C 'F4@ 'EA2 ' EBE' 3KF' 2' NF M ' SK ' 23 ' EH 'F 'L 2 ' E' 3'3KF' '' SK 'E 2' ' ' NF2EA' 'K' '3' SK2 SK23' LF L23' A2' H 'EA2 ' 2 'BE' 2' ' 332' ' F2'() 4 'F' 2E' 2' 32' 4BE4 K ' '' B C 2' 3 'E3' C 'F4@ 'EA2F!

23' 2FC 23' 2 ' 23' CB E23' N ' 332E ' A2' 1FBKN2' 2E' 1FBKN2' 2E' SK2 'E ' NBKF' 23' AC 23' AK' NKF1 ' B F2!' ()23 ' 'H 3' SK2' 423' N 'KHF23' BKHF 2F3' BE ' 2KF' NKF1 ' B F2' 2E' 42' CBEA2' D 2 ' SK() 'H 'KAF ' ' C 2KM' 2KF' ABEE2F!A2' ()'F12E 'SK2' A2' 2KF' 2E' A2C 'EA2F0' 3' AB 'E2E 'NBKF 'E ' 2 ' 3 'E3' 32' ' F2' F2F' ()BF2 2!'

Q

H' > K2 SK2 B 3' KE' L2 ' K' N ' F 2KF' 3()' C K32' ' F ' 4BE 2F' KE2' @ 3 B F20' BE' ' ' 42F4 2' ' K BKF' A2' K ' 2 ' '' C 23KF2' SK2' ()'KA B F2' ' K1C 2E 2' $' 2 2H2' ''HB M!' U()' ' HK' A2' 423' 4BE 2KF3' SK ' 'H' 2E ' '' N@G3 BEBC 2' L 2E' E2' 2 ' L 2E' @2KF2K320' C ' 3' 2' E2' 3 ' 3' F 2E' A2' 4@ 'FC 'E ' 4BC C 2' ()' 2E BE' A2' 2KF' NKL 4!' 23' N2 E F23' AK' SK EP 2 E2' 3 44 2' BK ' A ' NF2EAF2' U'' N ' 42' BE 'E 'F '' 23' A 34 N 23' SK() 3' 1FBKN ' 2E ' 'K BKF' AK' @F 3 !J% 1#'

3!' $#! 3 ' $!

E' BN2E E1' BE' @2' 2 ' A 34 B323' @2' H ' 3 ' 3KL3 FK4 BE3' B ' @2' @ 70 ' ' 7 # 6 ' @ 3' @K12' 2A 42' 322 E1' B' @ 'H2' L22E' NFB 24 2A' LG' UK K3' '23 'F ' LK ' @2' NFBL 'L G' C 'A2' 2' NFB1F233' E' !' ' I '3' '4 K' G' 2F24 2A' LG' K1K3 K3 ' 'EA' A2A 4 ' 2A' Z ' 7')' E' C2C BFG' B ' @2' GBKE1' E2N@2 I ' I @BC' @2' C '1" 2A' B' @ 3' A 'K1@ 2F' UK ' ' 'EA' E 2EA2A' '3' @ 3' 3K44233BF ' LK ' I @B' I '3' 4K ' B ' LG' 'E' 2 'F G' A2 ' @!' @2' @2 ' F2' I '3' 4 'N ' L 2' B ' 4BE ' E E1' 9< <<< 3N24 ' BF3 ' 'EA' 4BE3 3 2A' B ' @F22' 2F3' B ' 'F4@23 ' LK ' @2' KNN2F' F 'E12' @ '3' A 3 'NN2 'F2A ' 'EA' @2' BI 2F' 3' H2FG' CN2F 24 ' ' ' 3' '' 1F 'EA' F2CE 'E ' 'EA' F 323' C '1E 42E G' 'LBH2' @2' N ' FG' @BK323' I @ 4@' 3KFFBKEA' ' @2' N2F 24 ' NFBNBF BE3' B ' 3') BF 4' 'EA' BE 4' 4B KCE3' 32FH2A' '3' CBA2 3' B' (' 'A B!

?' 2' CKF' 2M 2F 2KF' AK' NBF S 2' A2C "4 F4K ' F2' SK ' 2EH2 BNN ' ' 23' 1F 'A E3' B F2' 2E4BF2' '' EB F2' 'AC F ' BE' A2KM' 2 '123' A()'F42 'KM' 2[' A2' 4B BEE23' ABF SK23' 2 ' BE SK23' A()KE2' L2 'K 2' NF23SK2' 1F24SK2!' ()2 '12' ()3KN2F 2KF ' SK ' A2H ' ' F2' 4BF E 2E ' '' A 3N' N !' 23', $-! ' BK' HBK 23' AK' F2P"A2"4@ 'K322 ' 3BE '@ 'L 223' 2E4BF2' ' K BKFA()@K ' 4BC C 2' 2 23' ()2 ' 2E

A'E3' ◊'E SK ' C ' 3' N K3' @BEE2 2C 2E ' N'F' A2' N'KHF23' 12E3' SK ' H2EA2E ' A23' 2FF' 23!' K"A233BK3' A23' L2 23' 4B B C 23' A2' ◊2E42 E 2' 2M 2F 2KF2 ' BE' '' 4BE3 FK ' A23' C ' 3BE3' C BA2FE23' A'E3' 23SK2 23' 3BE ' NF' SK223' A23' 2E2 F23 ' 2 ' '' 423' 2E2 F23' AK' 2' F2' A2' 'F42 K3 ' BE' B ' A23' NB 3' ' 2KF3 ' E ' N K3' E ' C B E3' SM◊ 'KE2' C 'E3 'FA2' A2' '' FK2' ' E ') 2E 3◊ A23' 4@2C 323'3 4@2E '3KF' ◊2E 'L 2C 2E ◊ A23' 4@2C E223' 3KF'' C BE 2E ' '' FK E2' FBC ' E2 ' 2 'KE' 1F' EA' KL2' 32' A233 E2' '' ◊2M F2C A ?') 'E3' 23' 2KM' 2 2LF 3' % ◊BB4 ' 3 BE' A2' ' A2A 4 ' 42' AK' @2 ' F2' A2' 'F'' 42 3 ' BE' H ' NBKF' '' NF2C L◊2' B 3' KE2' 1F2' 'NNF HB 3 ' # & $ 3 $' 1!, -#13 ') 'E3' 42' 1F2' 2' N2KN 2' F2C ' E' NBKH ' ' 4BE 2C N 2F' 3BE' C ' 12!J % 3 '% !.' / 3 ' ' ' ! 9 \ ; !

E' @o' C AA 2' '123' @ 3' @2' F2' I '3' @2' BF F233' B ' @2' 1F2' ' 'C G' B ' (2F 2BE ' @2' F H' 3' B ' @2' F'E1 N'E ' I@B' B44KN 2A' @2' B 32K C◊ @2 F' E' C2' 3' BCC2CBF' 2A' LG' @2' E2 1@LBKF E1' 3 F22 ' ' ' (BF ' ' 2BE2!' @2' 4BE3 'E ' I 'F 'F2' E' I @ 4@' @2G' I 2F2' 2E1 '12A' I @' @2 F' E2 1@LBKF3' A A' CK4@' B' A23 FBG' @2' LK A E1 ' I @B32' E 2F BF' L24 ' C2' F2AK42A' B' ' ' '33' B ' FK E3 ' BFC E1' ' ' @ ' KNBE' I @ 4@' ' A '33 'F2' (2FKPP ' \9 ; ' LK ' @2' ! 7#744 ' 75 ## ' B ' @ 4@' @2' 2E F 'E42 ' 'EO2A' LG' @2' IB' 'FCBF ' ' L2 'F3' B ' @2' 'C G ' C 'G' L2' 22E' K' @2' 3 F22 ' ^ ' 'H2 ' I @ 4@' 2 'A3' B' @2' (BE 2' >K' FB' 'N !' =

?' K' A M"32N 2C 2' 3 2 2 ' 23' 'H2 '2M2 G ' 2E ' 2E4BF2' KE2' KF 3A 4 BE' 2◊BA ' 2!' 2KF' F LKE ' ' 'K33 ' F21K F2C 2E ' 4BE3 K2' SK2' N ' 3' KE ' 3◊ 'N'' N2 ' ' BF 2' 'H2 '!' ' 3' 'H' 2E ' 2' AFB ' A◊' FF' 4@2F' BK3' 23' 'E3' KE' 4F C E2 ' '' ' ' N2 E2' A2' C BF ' ◊ AFB 'A2' 1F' 42 ' AFB ' F21 ' 2E' F24BEEK' N ' F' '' C BE ' F4@ 2' ' L3B K2' A23' N ' N23!' 23' 2C C 23' A2' 42 2' K3 F2' 'N 2' E2' 3BF ' 2E ' NB E ' A2' 2KF3' N ' ' 3' 3 EBE' A ' E3' KE' 4 ' FB332' L 2E' 2FC 2!' 23' F3 E ' 2 ' 23' B BEE ' '32' H ' E ' 2E ' SK2' N2EA ' E ' 23' 3 24 23 ' 'K4KE' F' 2' A2' N ' M' E◊ ' H ' ' 2 2' 4BE4 K' 2E F2' 23' NF E423' 4@F2 2E3 ' A ' E3' 2SK2 ' 3' E◊2K332E ' 2 2' EBC E ' H2C 2E ' 4BC NF 3!J % 1#

;' @2' N' '42' @'3' EB I' N'332A' B' @2' 'C G' B ' F3 E "

' 2' F 42' 'EA' K4 2 ' '' 2E4 ' I 2F2' CNF 3BE2A' E' @2' BF 2' 'H2 ' ' 'EA' 2A' @2E42' B' 2M24K BE ' '

$ 8 7 ' = ' /

*F'H E' ' I @B' A2342EA2A' FBC' '' 32E' BF' B ' & ' $',99' @2' NF E423 ' 3 E ' 'EA' B BEE' ' E' @2 F SK' G '3 ' 2F A'E 3 BE' @2' @FBE2' Z9 9 ' 0066 60 0 '7 # 6 9# K' 'O2' N 242A2E4 ' B ' ' B @2F' BC 'E' EBL 23!

/f' 4B BH K3' I ' F2C 2C L2F' @2' @2' F2'B ' 'F42 K3 ' E' ZG@ 4@' @2' 'H2 ' 'C G' LK ' '' N' '42' @ G' @BK32' 3' @' 'B ' !' '@'3' 3 BBA' 2C N G' BF' '' 4BE3 A2F'L 2' C 2 ' L24'K32' @2' AF H2' E B' @2' 4BEF G'FA @2' E 2F BF' B ' @2' 'E4 2E ' @2' F2 ' F 323' O2' @2" 3 BN2' B ' CBKE ' $' KNB ' @2' @2 ' N3' B 'FKLL 3@' ' @BK1@' @2' FB' A' @ '3' L22E' 4K ' E' '' P 1"P' 1 ' ' 3' 3 ' '' LF2 ' O "E24O' ' ' F!' @2F2' 3' 'EB @2F' 2E F'E42' FBC' @2' ('PP'' BE 'E' C ' @2E42' '' 1@ 'B '32H2E G" @F22"3 2N3' 2' A3 KN' L' @2' 3' C 2' 3 BFG' '@' H2' C 2E BE2A' @2' 2E F'E42"@' ' B ' @ 4@ ' 3 BE' '' 2H2 ' I @' @ ' BN' B ' @2' 4' FF '12 I 'G' @FBK1@' @2' 4BKF G'FA! @2' 'N' F C2E 3' E' I E4@' I 2' 3@' ' H2 ' 'F2' @B32' BH2F' @2' 4B BEE 'A2'B ' BE 4' N 'F3' BFC E1' @2' @ FA' 3 BFG' B ' @2' 'E4 2E ' @2' F2 ' 'EA' 3BC 2 ' ; E' O' 2H2 ' @' @2C ' I @ 4@' 'H2' L22E' LK 'B ' O2' I E13' BE' @2' FKLL 3@' B ' @2' C E3! @2 2' 2E4 B32' '' 2' S 'AF' E1K 'F' 1' FA2E ' I @ 4@' 3' EA22A' H2FG' 3C ' ' BE G' 'LBK '2 1@ G' BF' E E2 G' 22 ' BE1 ' ' EA' 34' F42 G' 3B' LFB 'A ' LK ' 3B' A2 1@ K ' 4BE ' E3' @F22' BKE ' E3% 'E' 'LKEA 'E42' B ' I 2 3 @2F2' 'F2' BF' E12"" F223' BE' @2' I ' 'L2 I 22E' 2' I EAB H3 ' 'EA' 233' C E2' EA2F' @2C ! '' C 2 'E' N' N 'E ' '' H E2' L23 A23"" FBC' @ 3' BFGc 'GBE' '3S E ' BF G' 3 _RN3_' BF' C BF2 ' @ 1@2F ' I @2F2' ' C 2 'E' B' @ 'H2' 'EG' B I E' 3 KAG ' 'EA' @2F2' 'F ' C B3 ' 4@22F K ' ' FBBC 3 ' FBE ' I @ 4@ GBK' @ ' H2' '' NFB3N24 ' BH2F' @2' @B 2' BKE FG' L2GBEA' @2' L2F ' B@ 2' AF ' C A' ! (2 2F ' @ ' 4' E' 322' BH2F' ' 2 FB' E' BE B B ' EA22A' ' C B3 ' E ' Ec' '3' @2' " H+E ' E2! ' I BK A ' ' @ EO ' L2' NB33 L 2' L23 A23' B' NF24 ' '' B11 '' KNBE' @2' FBB ' BF' I @ 4@' ' 3@ ' ' 3 ' H2' C BE2G' FBC' B @2F' @ E13 ' @' ' I 2 C 'G' @ ' H2' '' 2 I ' BH2F' @2' 'N B ' BFKC ' (' ' E 2 ' L 32EC ' 'F A' ' ' @2' E@' L 2A' N ' F 3' B ' @2' #? (= " % 7 ' /!9! ' c ! ' F

B B I E1' . @2' I ' ' B ' @2' @2 ' F2 AB I E' '' @ c 3 F22 I 2' 'FF H2 ' ' @2' N 4 KF23S 2' 1FBKN' B ' FK E ' B ' @2' ' (B 4K3' 4 'H 32 J' 2F24 2A' LG' K1K3 K3 ' E' @BEBKF' B ' @ 3 3 2F' d @A' @E@ 'NN ' 2' B ' E BEG ' 4 B32' ;' / @ 2' @2' F2' B @ I @ 4@' @2' @ 'A' 1 H2E' @2' @ 'E 2' B @2F' 3BE! @/ @2 2M' 4 BFC' B / @2' LK A E1' 3' OEB I E' FBC' @]' ('E '' 'N B E' % @' ' ' I '3' '' N 'F' 2 B1F' C ' K FBKEA2A' LG' '' ABKL 2' 'F 'A2' B ' 9-<

4B KCE3' 'EA' 2E4 B3 E1' @2' 2 EN 23' B 'UKN 2F"'EA' UKEB' LK 'LG' @2' *F22O' 'F4@ 24 3' ' F'4K3' 'EA' 'KFK3 '

@' F21'FA' B' @232' 2CN 23' (EGE'FF' 23' "' '4' I@ 4@' F2C EA3' BE2' B' @2' 3 BFG' B' @2' 'ABEE'" B' 'I' 'F "' KBH'!U' @' NBF 2F3' @'H E1' 'F2 233 G' 4'FF 2A' @2' 3 ' K23' 4V' @2' 1BA3' B' @2' IFBE1' 2CN 23' ' I' 6 C'1 E2A' @' ' @2G' @'A' ABE2' 3B' FBC' A H E2' E3N F' BE' 'EA' @2' N2BN 2' I BK A' EB' H2E KF2' B' F2CBH2' @2C' 3B' @' ' @2' 3 ' K23' ' I 'G3' F2C' E2A' E' @2' IFBE1' 2CN 23' @BK1@' @2 F' 3KFFBKEA E13' H 2F2 K 2F G' KE3K 'L 2!

@2' ! 0 ' ' 075 7' LK ' LG' K1K3 K3' B44KN 2A' @2' 3 2' S' 'E' 2'F 2F' NBF 4B% @2' (BF 4K3' 2 2 0% LK ' LG' ' 324 K3' 2 2 K3' ' 2F' @ 3' FKCN@' BH2F' EAF 34K3' E' '42ABE ' ' E' ' : ;!' 2CN 23' B 'UKN 2F' ' BF' 'EA' UKEB' 2M 3 2A' ' 3B' E' @ 3' NBF 4B' BE2' B 'U@2EF' L2 E1' @2' 2'F 23' 2CN 2' LK ' B' C'FL 2' E' BC2!' 2 BF2' @232' 2CN 23' 2 2 K3' N '42A' @2' 'CBK3' 1FBKN' B' I 2E G" H2' LFBEP2' 3 ' K23' I@ 4@' @2' @'A' LFBK1@' FBC' C2242' 2M24K 2A' LG' G3 NNK3' BF' 2M'EA2F! @2' *F2' ' 'EA' F2NF232E E1' @' ' 4BESK2FBF' @ C32 ' 'EA' I2E G" BKF' @BF32C2E' B ' @ 3' FBBN' I@B' @'A' ' 2E' ' ' @2' *F'E 4K3!U

@2' 2M 3 E1' F'1C2E' B ' @2' NBF 4B' 3' @2' BF 1 E' ' 2ET F'E42' B' @2' I@B 2!' @2' LK A E1' @'A' 3K 2F2A' FBC' F2' N' 2 F2 1E' B ' K3' 'EA' I '3' F23 BF2A' LG' 2N C K3' 2'" GSFK3' 'EA' B ' @ 3' C2' 3' @2' 'F12' LF 4O' 'FS@' BE' BE2' 3 A2' B ' @2' FK E!

' ?' 'I '3' E' @ 3' @' 'B ' > 4 'H '' @' ' K3' 'EA' 23N '3 'E' 42 2LF' 2A' @2 F' F KCN@' BH2F' 3F' 2 ' I @' 23 H2' NBC N' 'EA' 3N 2EABKF!' C BE1' @2' U2 I 3@' 3N24 ' BF3' 3 BBA' @2' @ 3 BF 'E' ('H K3' UB32N@K3' I@B' I '3' BE2' B

;' 22' @2' '12BKE' 2 ! @2' '3 4 "B' ' BF2 KB' KBF' KC'!
' 22' @!' !'
' 22') G2F!3' G' B ' BC2!

@2ˢ B B I 2F3ˢ ' E Aˢ ' 2F2F3ˢ B ˢ K3ˢ ! ! ! ! ˢ 'EAˢ Bˢ @ 3ˢ L '32'U2 I 3@ˢ 4BKF 2Fˢ I 2ˢ B I 2ˢ ˢ ' A234F N BE ˢ B ˢ @2ˢ F K C N@!J% 6 !& 3 1 .ˢ "7 $5- ˢ D % !ˢ $ˢ " !##

@ Eˢ @2ˢ NBF 4Bˢ 3ˢ 2ˢ @8 @ˢ ˢ ˢ % # ˢ ˢ ! 6 @ 7ˢ 2F2ˢ ˢ I '3ˢ @ ' ˢ B ˢ ˢ 2EP ˢ 3K C C BE2A ˢ ' ˢ C AE 1@ % 'Gˢ 9<ˢ 7 : -ˢ % ˢ ' ˢ 1BBAˢ 4 P2E3ˢ Bˢ @B Aˢ ˢ ˢ C22 E1ˢ Bˢ @2ˢ F2"23 'L 3@C2E ˢ B ˢ ? @2ˢ 1BBAˢ 23 ' 2D@2F2ˢ @2ˢ O2N ˢ @2ˢ H 1 ˢ B ˢ @2ˢ B G ˢ * @B3 D 'EAˢ @2E42ˢ @2ˢ I2E ˢ BF @ ˢ L 'F2T @2'A2A ˢ Eˢ 4BCN 2 2ˢ 'FCBKFˢ '44BCN'E 2Aˢ LGˢ @2ˢ N'N' ˢ 21' 2ˢ 'EAˢ ' 2EA2Aˢ LGˢ ' ˢ H'3 ˢ CK KA2ˢ Bˢ @2ˢ 'N B ˢ I@2F2ˢ @2ˢ 4' 2Aˢ KNBEˢ @2ˢ NBNK '42ˢ Bˢ F' Gˢ @2ˢ * BBAˢ 3 ' 2!ˢ 6

ˢ 3ˢ 3' Aˢ @ ' ˢ BE2ˢ B ˢ @2ˢ 4'K323ˢ I@ 4@ˢ CB3 ˢ E4 2Aˢ @2ˢ A 1E' B@ˢ B ˢ 2EP ˢ '1' E3 ˢ @2ˢ '33KCN BEˢ 'EAˢ NF A2ˢ B ˢ @2ˢ BC 'Eˢ 'C 23 ˢ I '3ˢ @2ˢ '4 ˢ B ˢ @2 Fˢ N' E E1ˢ @2 Fˢ 'FC3ˢ BEˢ @2ˢ 'E4 2E ˢ BC 'Eˢ LK A E13 ˢ 'EAˢ @K3ˢ Eˢ ˢ ' C 'EE2Fˢ 'NNF'ˢ NF ' E1ˢ @2C ˢ Bˢ @2 Fˢ B I Eˢ 1 BFG!ˢ 2C ' E3ˢ B ˢ 4B ' 3ˢ B ˢ 'FC3ˢ @K3ˢ N' E 2Aˢ FB1"G L2ˢ 322Eˢ BEˢ @2ˢ FBE ˢ I ' ˢ B ˢ @2ˢ (BF 4Bˢ B ˢ 4 'H ' ˢ ˢ I '3ˢ ' 3Bˢ BEˢ @ 3ˢ H2FGˢ I ' ˢ @ ' ˢ 2EP ˢ N' E 2Aˢ @ 3ˢ 'CBK3ˢ ' 21BF 4 ' ˢ N 4 KF2!ˢ Eˢ @ 3ˢ N' E E1ˢ 0 E13ˢ 'EAˢ C2Eˢ B ˢ @2ˢ N2BN 2ˢ I 2F2ˢ 322Eˢ LKFE E1ˢ Eˢ ' ˢ KFE '42 ˢ I @ˢ ' ˢ IBC 'Eˢ @ ' ˢ 4BE3KC2A ˢ I@Bˢ N2F3BE 2Aˢ BC2 % 'EAˢ BEˢ @2ˢ F 1@ ˢ I '3ˢ ' ˢ 4@KF4@ ˢ I @2E42ˢ 33K2Aˢ ' ˢ I@ 2"FBL2Aˢ 'E12 ˢ L2 'F E1ˢ Eˢ BE2ˢ @ 'EAˢ ' ˢ E 'O2Aˢ 3 I BFA ˢ I@ 2ˢ I @ˢ F2ˢ B @2Fˢ @2ˢ N K4O2Aˢ @2ˢ IBC 'Eˢ FBCˢ @2ˢ 'C23!ˢ Eˢ @2ˢ 4@KF4@ˢ B I 2Fˢ I2F2ˢ ! /(2 2Fˢ 'EAˢ ('K ˢ 4FG E1ˢ Bˢ @2ˢ 'E12 ˢ ? SK Bˢ 'SK Bˢ K44KFF ˢ ' ˢ D ' L2F1' F 42ˢ EB3 F' J% 'EAˢ L2GBEAˢ @ 3ˢ I2F2ˢ F2NF232E 2Aˢ ' 4BE3ˢ j GN 4 ' ˢ B ˢ @2ˢ BC 'Eˢ L 'FBE3 ˢ ' E1ˢ FBCˢ @2 'H2Eˢ E Bˢ @2ˢ 'C23 ˢ 'EAˢ ' ˢ I@ 2ˢ ABH2ˢ L2 'F E1ˢ ' ˢ I F2 ' @ˢ B ˢ B H2 ˢ I@ 4@ˢ ˢ 1'H2ˢ Bˢ & 2ˢ L FAˢ 2EP ˢ I@ 4@ˢ I '3ˢ 4@ '32Aˢ LGˢ @2ˢ ' 4BE3!ˢ 2E2 ' @ˢ I '3ˢ E"

/ / : :Y

34F L2A◊ ?' ' 322' @2' C2' B ' 1F2' ' K3 42 ' AB' @BK' ' I ' ' @' ' C2!J

?' @2E' KFE' I 2' B'@2F' ' 23 ' F LKE2◊3' E ' C 2
FBC ' @2F' 2E' @BK3 'EA' GF' E 3' KFE' B' @22
◊ 2A22C 2F' B 'A 'FO' 42E KF 23' B '3 ' C A%
' @2! F 2EA' B ' (2 F 'F4@% @BN2' B ' ' G%
2EP X' '3 'B ' BC 'E3'X Z @ 2' @2' F22'
' ' F22ABC◊3' I @2F◊A' FKEO' NK 3' BF @' '' 2' !
H2E' BF' @G' BCL◊' '1 'F 'EA' 2 ' 'L2% ◊
◊ @A' BFKC◊3' 4@ ' C N BE ' 'EA!' @2' N2BN 2◊3' 4@ 2 %
2F' E2 I LBFE' KC◊ ' @BK % I @'F2 1E ' ' '3' ' BB' LF 2R!J
% !' "5

' @FBK1@' @2' LF 40' 'F4@' B ' @2' (BF 4B' I 2' 2E 2F' KNBE' @2' 'E4 2E ' ! 6 @ 7 ' I @' @2' C 'FL 2' 3@"3 'L3' B ' CN2F ' ' C20' 3 ' F2C ' E E1' E' K32!' ' 1' '' 3 F 0 E1' 342E2% @2' A'FO ' C' G BF 24 ' @BK323' ' CB3 ' C22 E1' BH2F@2 'A' 'EA' F 'C E1' '' E 'FFB I ' 3 F N' B ' A22N' L K2' 30G % L2 B I ' @2' LF 1@ ' 1FBKN3' B ' 1KF23' 'EA' F 4@' 4B BKF E1' B ' @' E1 E1' 4 B @3' 'EA' AF 'N2FG!' ' ' ! !

? ◊23 ' C 2A 3' FK E2 ' 23' NK3' F2 E 'FSK 'L 23'A2' BE 2 '2 'KE2' AS' 42 23' SK 'B F2E '423' 4BE F 3 23' N SK 'E 3' 2E F2' 2' N '332' 2 ' 2' NF&2 ' '' C K32T C 2E ' N2FN2 K2 ' 'A2' ◊ C '1 E ' BE' A 'E3' '' H 2' A23' 4BE F '3 23!' 2' NBF SK2' A◊ 4 'H 2' 23 ' 'K BKFA◊@K ' ' 2' C 'F4@2' 'KM' NB 33BE3!' 23' 4B BE@23' 2 ' E' FBE BE' 3◊ 2H2E ' ' F' C 2K' A2' ◊2EAFB ' 2' N K3' ' 2' A2' BC 2◊' 2KF' 2 2 'E◊2E' 23 'N '3' C B E3' N BF23SK2 ' ' 23 ' N2K "2 F2' A 'H 'E"' '12 ' ' 2K' G3 ' ' 'NBKF' KE2' 'SK 'F2 2 ' 2 ' SK 'EA' KE' L2 'K' 3B 2 ' 24 ' F2' 23' A2LF 3' 'E SK23 ' 23' H 2KM' CKF3' 3BC LF23' A2' '' FK2' 2 FB 2' BK' '' NB 33BE' 2' H2EA' 3 F' A23' 'L 23' A2' C 'FLF2' L 'E4 ' 2 ' '' 'H2F3' 'SK2 L' A23' E ' 23' 3BE ' 2EAK23 ' BE' ' ' ' B 2' AK' BEKC 2E ' F2C ' E ' 2' 3N24 '4 2' A◊KE' C 'F4@A' AK' C BG2E' '12 ' 2 ' KE' N2K' 2' 3BKH2E F' A◊KE' L 'P ' F' A◊ F 2E !'J' % 3' !.' / 3 ' ' !' -8!

2F2' I 2' 'F2' E' @2' 42E F2' B ' @2' U2 I 3◊' SK 'F 2F% @2' 'CBK3' G@ 00 ' ' =

@2' E ' C2' ?' * @2 B' J' 3' A2F H2A' FBC' @2' 2LF2 I ' I BFA

@7 LFBO2E A23 FBG2A 3@'H2E 4K AB I E 4'3 B 'L'ET ABE2A 322 @2 2LF2 I E 3' '@ M H! 9 Ð MH! 9 Ð U2F! M H ! 9\ 9 - Ð `24@! M ! <" : Ð &4! ! @2 F3 U2 I 3@ 3 'H23 I 2F2 LFBK1@ B BC2 LG (BCN2G @2 *F2' ' 2F @2 @'A 'O2E U2FK3' 2C 'EA BF4 L G 2E 2F2A @2 B G B B 23! K BF 42E KF 23 ' 2F @ 3 @2G H2A E BC2 E I2' @ 'EA @BEBKF @2 F NF E423 2FBA 'EA 1F NN' L2 E1 F2T 42 H2A I @ FBG' A 3 E4 BE 'EA EA E1 ' @BC2 F @2 (' '4 'B @2 23'F3 % E "I@ 4@ 2F2E 42 BF 2FBE 4' @2 A'K1@ 2F B 1F NN' NF23 A2A 3 @2 '40EB I 2A12A C 3 F233 B K3 I @B I BK A I E1 G @'H2 C'A2 @2F 2CNF233 B BC2! @2 4@ 2 U2 I 3@ 32 2C2E E CN2F' C23 I '3 E2'F G BE @2 3 2 B @2 F NF232E ''LBA2 LK @2G I2F2 EB 4BCN2 2A B H2 @2F2 ''EA ' 3B @'A ' 'F12 4B BEG E @2 F'3 2H2F2Ð 'EA I@2E ! (2 2F I '3 ' BC2 @2 @KF4@ F'A BE L2 FK2 @2 A I 2 I @ SK ' 'EA (F 34 ' BE @2 3 BN23 B @2 H2E E2! UK K3 K1K3 K3 'EA L2F K3 323'F F2' 2A @2 U2 I 3 I @ 0 EAE233 LK KEA2F ' 1K ' @2G ' F2'AG 2 I @ " F2' C2E 'EA 4BE 2CN % @' 2CN2FBF L2 E1 23N24 ' G FF ' 2A '1' E3 @2C '3 @2 BE G E' BE I @ 4@ F2 K32A B G 2 A @ C A H E2 @BEBKF3 'EA L24'K32 @2G @'A 3K44233 K G F23 3 2A @2 N '4 E1 B @ 3 3 ' K2 E @2 B G B B 23 ' U2FK3' 2C! E @2 A2T 3 FK4 BE B U2FK3' 2C LG K3 @BK3'EA3 B U2KA3@ 3 'H23 I 2F2 LFBK1@ B BC2 'EA I 2F2 2CN BG2A BE @2 LK A E1 B @2 B 32KC! @2 3'C2 C2 23N'3 'E I@ 2 ' B I E1 @2 2LF2 I 3 E BC2 @2 F22 2M2F4 32 B @2 F F2 1 BE BL 12A @2C B N'G @2 'M B @' ' 3@2O2 BFC2F G N' A E B @2 2CN 2 F2'3KFG B UKN 2F 'N B' EK3 % 'EA @ 3 4K3 BC 3 O2N KN E @2 'EEK' F LK 2 N' A LG @2 U2 I 3 E @2 'C2F' 'N B E'!

$EA2F) BC 'K @2 U2 I 3 I 2F2 L 'E 3@2A FBFFZ @2 4 G B @2 H' 2G B 12F ' I@2F2 @2G H2A E ' ' 2 B NBH2F G 'EA BK ' IFG ! I @ 4@ 3 A234F L2A LG UKH2E ' 'EA B44KN 2A @2C32 H23 I @ 3BB @3 'G E1 NG2 "4@ 'F F 3 C '1 4"NB BE3 ! 'EA CG3 2F BK3 KF23! ' ! É ! D

) KF E1 @2 F2 1ER B @2 2 'F 2F NBN21 @2! U2 I 3 ' BC2 2E BG2A ' ! 1F2 ' 'CBKE B L2F G 'EA @2 'E "NBN2 E '4 2 K3 ! BL! 7 , I '1 2H2E @2 1F' A1BE B ' 'L 'N 32A U2 I I @B32 'C G LBF2 '' 2 'A E1 N 'F É BC2 '3 BV2 B @2 1F2' N' F 4 'É @BK323! @2 4 2C2E4G I @ I @ 4@ @2 U2 I 3 I 2F2 F21 'FA2A I '3 @B I 2H2F N 'F G AK2 B ! @2 FD 3O '3 N@G3 4 'E3 % 'E : BE1 ' 2F @2 F N2F3N4K NE3 @ 'A L21KE!! '3 ' 2 '3 'F É 6+ : -"7 X @2 N@G3 4 'E B D @2 ! ' 4'E I '3 '' U2 I ! U@2 F3 F2 ' G L 2F 2E2CG N F2 U2 I R I '3 K12E E3 * 'LF 2 2 BEAB C 2F2 : 7 "78 X I@B BFL 'A2" @F 3 'E3 B F 'A2 B 2 ' BF B A I 2 I @ @NF' ' 'EA NFB@ L 2A @2C FBC I ' O E1 E @2 3 F22 3 FBC LK A E1 E2 I 3GE '1B1K23 BF FBC B44KNG E1 'EG NKL 4 NB3 ('K : ; , E4F2 '32A @2 F"@KC ' BE LG 4BC"! N2 E1 @2C B FKE F '423 ANF E1 @2 'FE H' '3 @2 BF12 '" FKE EB I ' 'C A3 @2 @BB 3 B @2 NBNN '42! = @ 1 4K3 BC"! 4BE EK2A ! BF IB @KEAF2A G2 'F3! ! NF2E12F 3 BC '!!! KBG 'J B ; ; - C2E BE3 @ ' ? @2 '3323 F'" F3 @2E @2 U2 I 3% E 'O2A I BE G ' L 'EA FBKEA @2 F B E3% @2C @2LK ' B23 @2E" @2 'FL 'FG @BF323!0 ' "GH'3 2C2E 5 ! B3N 1 B3 E ! ; ; , I @B F3 N2FC 2A @2 U2 I 3 B N 'G "3KC! 2SK H' 2E B \<< F'E43 'EEK' G E3 2 'A B 'F '4 E1 !

? ' @2 F3 ' KFA 'G E' 'FE H' ' I '3 @2 4K3 BC' BF @2 @2 'A30 B @2 U2 I 3 E! BC 2 B ' 'NN2 'F ' 3 ' ' A2NK ' BE L2 BF2! @2 BE32 "H' BF3! E @2 'N B ! @FB I E1 @2E" 32 H2G K BE @2 F OE223 ! @2G B 2F2A ' ! EB321 'G 'EA I 2E G 34KA ' I @ @2 F2SK23 ' @ ' @ 3 C 1@ 'L2 2C N BG2A

' ' ! ! ' ' ! MH !

! !

B' BFE' C 2E ' @2' L ' 4BEG' E' Y I@4@ 2' BC 'E' 2E ' 2' 3 ' 2' E' @2' ('PF'' A2 ' (BNB B!' E' O2' C 'EE2F' @2G' I 2E ' B' @2' 32E' BF ' 'EA ' ' 2F' @2' 'E4 2E ' 4K3 BC ' C N BF2A' N2FC 33 BE' B' F2C ' E' E' BC 2!' @2' 32E' BF' N ' 42A' @ 3' BB 'BE' @2 F' BF2@2 ' A3 ' BFA2F2A' @2C' B' 3 ' EA' KN ' 'EA' F2N 2A' E' @2' '44K3 BC 2A' BFCK ' ' @' ' U2 I 3' I 2F2' EB ' ' ABN 2A' E' BC 2 ' LK ' ' B I 2A' FBC' 4BC N ' 33 BE' B' F2C ' E' @2F2!' @ 3' @KC ' BE' @ ' 3' EB I ' A 3T 'NN2 ' F2A ' LK ' @2' U2 I 3' 3 ' 1B' B' @2' 'N B ' BE' @2' F3 ' ' KFA ' G' B ' 'FE H ' ' B' B 2F' @2 F' @BC ' 12' 'EA' F LK 2' BF' @2' N' 'B ' @2' GF323 ' I @ 4@' @2G' @ ' H2' B' NFBH A2 ' E' C 2C BFG' @ ' ' EB I ' @2' @B 323 ' ' C K32' @2' N2BN 2' E' @2 F' 3 2 ' A!' J % 6$%, 3 7 $.' $5! D % !

2' U2 I 3' I 2F2' F3 ' 3@K ' KN' I @ E' @2' I ' 3' B ' @2' * @2 B' LG' @2' 'E' 4 ' ') BC E 4 'E' NBN2 ' ('K ' ! ' * B!' (2 FB' 'F' ' ' \\\"\8 ' 'EA' 4BC C 'EA2A' E2H2F' B' 'NN2 'F' BK T 3 A2' ' KE 233' @2' C2E' I 2F2' E' G2 B I ' @ ' 3 ' BF' @2' IBC2E' E' G2 B I ' H2 3!' ? BF .' 3 'G3' @2' K ' KC ' C 3

3' CB3 ' 'L3KFA' 'EA' KE3K 'L 2' @ ' ' @2' U2 I 3 ' I @B32' B I E' 4F C 2' @ ' 3' N KE12A' @2C' E B' 2H2F '3 E1' 3 'H2FG ' KEA2F' @2' N 2 '' @ ' ' @F 3 'E' C '1E' E C G' ' B I 3' @2C ' 3@BK A' NF23KC 2' B' A I 2 ' 'EA' C M' I ' @F 3 'E3 ' EB ' L2 ' F E1' ' EG' C 'FO' B 'A 3 E4 BE ' 'EA' 3@BK A' @ ' H2' @F 3T 'E' 32E 'E 3 ' G2 ' ' 2H2E' LKG' @BK323!⁰⁄₀

@2' * @2 [' BF' 4K3' UKA32BFKC ' '3' ' I ' 3' ' ' F3 ' 4 ' 2A ' I ' 3' 3@K ' E' LG' I ' 3' I @ 4@' F2 ' 4@2A' FBC' @2' (BE 2' >K ' FB' 'N ' B' @2' ('PP'' A2 ' ('E B ' BF' ?' ('42' B ' 22N E1 J' I @B32' E ' C 2' L2 ' F3' '' I E233' B' @2' 1F 2 ' B ' @2' N2BN 2' BE' @2' 9 ; @' UK G ' \\ ; ' I @2E' @2G' I 2F2' F3 ' BF42A' E B' @2 F' NF 3BE"@BK32!

?' @B32' U2 I 3' I @B' I 2F2' 3@K ' KN' E' @2' * @2 B' I 2F2' N ' 42A' E' NB3323T 3 BE' B ' @2' A I 2 E13' B ' B 2F3!' @2' @BK323' E' @ ' ' SK ' F 2F' I 2F2' @2' NFBN2F G' B ' BC 'E3 ' 'EA' 3BC 2' B ' @2C ' I 2F2' E@' L 2A' LG' 'C 23' B ' 4BE3 A2F' BE ' 3K4@' '3' @2' B44 'N ' AK !' @2E' @232' F2C BH2A' @2G' F2C ' E2A' @2' NFBNF 2 BF3' 'EA' @2' U2 I 3' BE G' 2E ' E 3!' K ' '3' @2G' I 2F2' B' H2' BF' 2H2F' E' @232' 3 F22 3 ' ' I ' 3' E24233 ' FG' @ ' ' @2' U2 I 3' 3@BK A' @ ' H2' '' N2FN2 K ' ' 2 ' 32' B' A2 2EA' @2C' '1 ' E3 ' '' I B B A' A ' E12F % ' E21 12E42' BE' @2' N ' F ' B ' @2' B I E2F' B' ' EE2KE42' B' @ 3' U2 I 3@' 2E ' E ' I @2E' @ 3' NB33233 BE' 2MN F2A ' BF' L ' EOFKN 4G' ' @2' B I E2F' F ' 32A' @ 3' "2E !

@K3' BF 1 E' 2A' '' ' I ' I @ 4@' 23 ' L 3@2A' @ ' ' @2' BC ' E3' 3@BK A' F2C ' E' E' NB33233 BE' B ' @2' A I 2 E13' 2 ' B' @2' U2 I 3 ' LK ' @ ' ' @2' ' 2F' 3@BK A' @B A' 2' @BK323' E' 22' ' FC ' ' @ ' ' 3 ' @2' 2MN F' BE' B ' @2' 4BE F' 4 ' 4 ' EEB ' L2' ' EEBKE42A' B' ' ' U2 I 3@' 2E' E ' ' EA' 3B' BE1' ' 3' @2' N ' G3' @2' ' I K ' F2E ' @2' F2E ' 4 ' E' E2H2F' L2 ' F' 32A' ' @2' U2 I ' ' ' @2' 3 ' C 2' C 2' C ' G ' ' 2F' BF' 2E ' F12' @ 3' @BK32' ' 3' @2' 4@BB323!' @ 3' 3 ' 2M 3 E1' NF H 212' 3' 4' 2A' @2' UK3' * ' PP ' 1 ' !' G ' H F K2' B ' ' ' U2 I ' 3' E' @2F2A ' FG' NB33233 BE' B ' @ ' 2 ' 32 ' ' EA' 4 ' E' 32 ' ' B' @ 3' F2 ' BE3' BF' B @2F3 ' ' EA' B' @2' NF232E ' A ' G' ' 3' ' ' 4B3 G' BF KE2' B' L2' E' NB33233 BE' B ' ' UK3' * ' PP ' 1 ' ' BF' ' ' @2F2A FG' 2 ' 32!' 1@ G' 2M B 2A' 3' @2' U2 I 3@' C ' A2E' I @B' LF E13' @2F' LF A21FBBC ' 3K4@' ' ' AB I FG!' @FBK1@' @ 3' 3 ' K ' FG' ' I ' @2' U2 I ' L24 ' C 2' NB332332A' B ' ' ' @BC 2 ' I @ 4@' B' 3BC 2' 2M 2E ' @2' C ' G ' 4 ' ' @ 3' B I E!J% '

% Y 86

@2' U2 I 3' I 2F2' 0 EA G' F2 ' 2A' LG' M K3' !' BE' @2' N 2 ' ' @ ' ' @2G' I 2F2' ?' @2' ' C G' FBC' I @BC' @F 3 ' 4 ' C 2 J' ' EA' @2' ' B I 2A' @2C' B' NF ' 4 32' C ' EG' 0 EA3' B ' F ' A23 ' ' EA' B' @ ' H2' E 2F4BKF32' I @' @F 3 ' E3 ' ' EA' B' LK A' @BK323 ' LF ' F 23 ' ' EA' 3GE ' 1B1K23 ' LK ' @ 3' C A' ' I 3' I 2F2' ' ' F2N2 ' 2A' LG' 2C2E ' !' ABLF ' EA E ' \89" ; < \ ' ' EA' KEA2F' 2T C2E ' 5 !' ' EA' EEB42E ' 5 !' ' ' F ' A2' I ' 3' BFL AA2E' @2C ' 2M42N ' @ ' ' E' B A"4 B @23 ' F ' 13 ' ' EA' FBE ' ?' 3 F ' 44 ' 2F ' 44 !J' B' @232' 2E2A 4 ' 5 !' ' CL2F E ' / ' AA2A' F ' A2' E' AF ' N2 G ' I @' I @ 4@' @2G' F2' 3 ' ' F12 G' B44KN 2A!' $EA2F' * F21BFG' 5 ' KBE4BCN ' 1E ' \ - 9", \ ' @2' U2 I 3' I 2F2' BF42A' B' @2 ' F' ' ' 32FCBE' 2H2FG' I 22O' E' @2' 4@KF4@ ' F3 ' B ' !' 2E2A2 B' ' ' ' 21B ' ' @2E' E' !' E12 B' E' (234@2F ' ' ' EA' 2H2FG' ' LL ' @' NB 42" ' 12E 3' I 2F2' 32E ' E B' @2' * @2 B' B' AF H2' C2E ' I BC2E ' ' EA' 4@ AF2E' E B' @2' 4@KF4@' I @' 34BKF123 ' ' EA' B' ' 3@' @2C' I @ 2' @2F2' ' @2G' ' NN2 ' F2A' B' L2' E ' 2E H2!' @ 3' 4K3 BC' B ' 4BCN2 E1' U2 I 3' B' 3 2E' B' @F 3 ' E' 32FCBE3' I ' 3' F2E2 I 2A' LG' 2B' 5 !' ' EA' I ' 3' BE G' ' LB 3@2A' E' @2' 2 ' F G' G2 ' F3' B ' (K3' 5!' @2' I ' 3' B ' @2!' * @2 B' ' 3B' F2C ' E2A ' ' EA' 3' 1 ' 23' I 2F2' 4 B32A' ' ' E 1@ ' KE ' @2' F2 1E' B ' @2' NF232E ' NBN2 ' I @B

> 9

F2CBH2A' @2' C 3'ĥB ' @2' *@2 B' 'EA' F2HBO2A' ' ' @2' BNNF233 H2' 'I3' '1' E3 ' @2' U2I3!' @2' @KC'E2' 22 E1' I @' I@4@' 2' F21'FA2A' @3' @ @2F B' BNNF2332A' F'42' 3'3' A' B' @'H2' L22E' F3 ' 2H E42A % I@2E ' BE' @2' B44'3 BE' B '@3' N '4 E1' '' L2F' ' C3' E' @2' @'EA' B ' '' L211'F ' BE2' B '@3' ' 2EA'E 3' E 2FNB32A ' 3'G E1' ? ' 3' '' U2I ' ĭJ' 'EA' @2' NBN2' F2N 2A ' ?' @' ' AB23' @' ' C' 2F' ' 3' '' C'E' ĭJ

?' @2' NF232E ' NBNK ' BE' B ' @2' *@2 B' 3' 23 C' 2A' ' ' 7,<<' '' EKCL2F' BK ' B ' ' 'NFBNBF BE ' 4BE3 A2F E1' @2' 3C ' '3 P2' B ' @2' *@2 B ' I@4@' 4BH2F3' 233' 3N '42' @' E' @2' @' N'F ' B ' ' EG' 3C ' ' BHC' B ' 7<<<' E@'L 'E 3!' @2' U2I3' 'F2' KEA2F' @2' 4@ 2 '4BE1F21' BE' B ' @2' ESK 3 T BE ' 'EA' @2 F' 23N24 ' ' C '1 3 F' 2' BF' ' ' 4 H ' 'EA' 4F C E ' 'NFB423323' 3' @2' 'FA E' ' 4 'F!' @2' F LKE' ' I@4@' 1BH2FE3' @2C' 4BE3 3 3' B ' @2' 'FA E' ' 4 'F ' @2' (F2 ' B' 2212F2E 2 ' @2' (F2 ' 2' KB1B" 2E2E 2' H 2 ' 'EA' @2' F C E ' ' 2K 2E'E !' E' NB 42' C ' 2F3 ' @2' (F23 A2E ' B ' @2' 21 BE' B ' !' E12 B' 'EA' 'C N 2 ' 2M2F4 323' @2' B4' 'NB 42' C '1 3 F'4G!' @2' U2I 3@' 4BC CKE G' @' 3' 32 ' @2' F 1@ ' B ' F21K ' E1' 3' E 2FE' ' BFA2F' LG' @2' 3B"4' 2A' ' BF ' A2 ' *@2 B ' 4@B32E' 2H2FG' @' "' G2' F!' @2' 4BC CBE' F LK 2' B ' @2' *@2 B' B' @2' 3 ' 2' 'EA' B' H'F BK3' F2 1 BK3' LBA 23 ' ' C BKE 3' B' 'LBK ' 7 <<<' F'E43!J

NNB3 2' 2' 1' 2' B ' @2' *@2 B' E2'F' @2' (BE 2' >K' FB' 'N ' '' 4BEH2F 2A' U'2I ' 2F24 2A' '' 4@KF4@ ' I@4@' 3' 3 ' B' L2' 322E ' I @' '' N' E E1' B ' @2' FK4 M BE' BE' 3' BK 3 A2' I' ' KNBE' I@4@' 2H2FG' U2I ' CK3 ' BBO' '3' @2' 4BC23' BK ' B ' @2' *@2 B ' 'EA' KEA2FE2' @' 'E' E34F N BE' E' 'F12' 2 2F3' B ' 2LF2I ' 'EA' ' E' FBC' 3' '@ ' MH! 9HW 2' ' A'G' BE1' ' @' H2' 3 F2 4@2A' BK ' CG' @' EA3' B' '' A 3BL2A 2E ' 'EA' 1' E3 'G E1' N2BN 2!J' @2' B I 2F' 3 F22 3' B ' @2' *@2 B ' 23N24 ' G' @2' KC 'F' ' I@4@' 3' E2'F23 ' B' @2' L'EO' B ' @2' L2F ' 'F2' 'EEK' G' BH2F B I 2A' AKF E1' @2' 3NF E1' F' E3' 'EA' C2 E1' B ' @2' CBKE ' E' 3EB I 3 ' I@4@' 3' NFBAK4 H2' B '1F2' ' C 32FG' 'EA' A 3 F233!' 2 ' E' 3N 2' B ' 3' 'EA' B @2' 22C E1' NBNK ' BE' 4FB I A2A' E B' 3' E'FFB I ' ' 2G3' @2' CBF ' G' I '3' 233' @2F2

AKF E1' @2' 4@B 2F'' @'E' E' 'EG'B @2F' N'F ' B ' BC2 ' 'EA'
C' 'F '' 3'KE0EB I E' @2F2 ' '' F22ABC' FBC' A 32'32' I@ 4@' C'G'
N2F@'N3'L2' F LK 2A' B' @2' U2 I 3@' 4K3 BC' B ' I@ 2 I '3@ E1'
@2 F' A I 2 E13' ' ' 2H2FG' 23 H' !' @2F2' 3'EB'U2 I 3@'@B3N ' '
'EA' ' @2' U2 I 3' 1B' B' 'E' BFA E'FG'@B3N ' ' @2G'CK3 ' 3KLC '
B' '' 4FK4 M' L2 E1'@KE1' BH2F' @2 F' L2A3!' ' 3' F2C'FO'L 2'
@'A @2' H2FG'42E F2' B ' @2' U2 I 3@' 32 2C2E ' 3@BK A' L2' @2'
(BF 4B' B ' 4 'H ' ' E' I@ 4@' 23N'3 'E' 'EA' K3' 42 2LF' 2A'
@2 F' F KCN@' ' 2F' @2' ' ' B ' U2FK3' 2C!' 2F2' 'EA'
@2F2' E' @2' E'FFB I ' ' 2G3' @2' 32H2E"LF'E4@2A' 4'EA 23 4O'
C'G' L2' 322E' 4'FH2A' BE' @2' @BK32' I ' 3 ' '' ?' G2 ' H E1'
3GCLB ' B ' @2' U2 I 3@' F2 1 BE!J

H2FG @ E1' C'G' L2' BL ' E2A' E' @2' *@2 B'0 NF24 BK3'
3 BE23 ' '42 ' KFE KF2' B ' ' ' O EA3 ' F 4@' 2CLFB A2FG' FBC'
1 2F3' 'EA' BE3 'E EBN 2 ' 3 F N2A' 3 K 3' FBC' N' E % LK '
' ' 3' BE42' 2A' 'EA' KEA2F' 4BH2F!' ?' B3'' 42F4' 2 .' @2'
U2 I ' 3@BNO22N2F3' @ 33' ' ' GBK' '3' GBK' @F2'A' @2 F' E'FFB I '
' 2G3 ' 'EA' FG' B' 2E 42' GBK' E' B' L'F1' E' I @' @2C!' @2'
3'C2' 'F 4 2' 3' B 2E' N'332A' BE' LG' '' CK K' ' 'FF'E12C2E '
FBC' 3@BN' B' 3@BN ' 'EA' C22 3' GBK' I@2F2H2F' GBK' 1@!' E'
F A'G' 2H2E E1' ' ' 3@BN3' 'F2' 3@K ' 'EA' LF2'A' 3' L'O2A'
B ' @2' 'LL' @' ' ' C2F4@'EA P2' 3' F2CBH2A ' 'EA' @2' C2E'
1B' B' @2' 3GE'1B1K2 ' 'EA' I 3@' 2'4@' B @2F' ?' '' 1BBA' 'LT
L' @ J' BE' @2 F' F2 KFE!

' E' @2' ('PP'' A2 '' 4KB '' 'F2' H2' 34@BB 3' KEA2F' BE2'
FBB % @2' 4KB '' A2 ' 2CN 'B ' 'E' ' '3 1 'E' ' 4 '"
'E' ' 'EA' 2' 4KB '' KBH' ' ?' I@ 4@' 3@B I' @' ' @2'
BC'E' *@2 B' 3' A H A2A' E B' H2' A 3 F 4 3' BF' N'F 3@23 '
2'4@' B ' I@ 4@' F2NF232E 3' '' N'F 4K 'F' F'42 ' '44BFA E1' B' @2'
NF2H' E1' E' BE' G' B ' @2' U2H ' I@B32' ' @2F3' @'H2' L22E

')F' (@ N3'F 4 2' BE' ? @2' U2 I 3' E' BC2! 6

2 @2F BC 'E"U2 I 3@ FBC 'E4 2E C23 BF @'H2 L22E LFBK1@ @ 2F FBC N' E 'EA 4 G0 @2 2CN 2"A 3 F 4 3 3' A 'LBH ' B @2F3 B '332F 3 A2342E FBC @2 U2 I3 B K3! E @2 3' C2 N 'PP' 3 @2 4@ 2 3 ' '1B1K2 F 4@ G 'ABFE2A I @ 34K N KF2 'EA 1 A E1! E @2 2M 2FE' F 2P2 'F2 F2NF232E 2A E 3 K44B @2 32H2E"LF'E4@2A 4'EA 2T 3 4O) 'H A03 @'FN 'EA F 'C03 CLF2 ! @2 E 2F BF 3 @ 1@ G N 4 KF23SK2 'EA SK' E 'EA 3 @KE1 I @ 4KF BK3 'N23 F 23 BE 23 '3! @2 F 2P2 I @ 4@ 3KFFBKEA3 F2NF2T 32E 3 @2 2CN 2 B B BCBE I @ ' 3 3'4F2A H2332 3! FBKEA I EAB I E @2 EBF @ I ' A H A2A E B I02 H2 N'E23 B 4B BKF2A 1 '33 3 3GCLB 4' B @2 cH2 H2 F L23 B 3F'2 'EA ' GN2 B @2 $F C 'EA @KCC C! ? B @2 I23 3 @2 FBKEA 4@B F ' I BBA2E"A230 BF 3 E12F3 'EA NF242E BF3! NNB3 2 E @2 2'3 2FE I ' 3 @2 B G B B 23 I @ NFB 24 E1 3 'H23 '3 BF @2 4'FFG E1 B @2 'FO F23 E1 BE BF E @ 'E 4B KCE3! 3 4BH2F2A LG ' 4KF ' E BE I @ 4@ 2M 3 'EA H'F BK3 A2H 423 B FB323 'EA '3 2 K 'F'L23T SK23 E @2 + G 2 B B BCBE03 2CN 2 'F2 2CLFB A2F2A E 1B AR @2 32H2E"LF'E4@2A 4'EA 23 4O 4FB I E3 @2 I@B 2! E @ 3 B G B B 23 23 @2 32' 2A (2E ' 2K4@ ' 'F12 N'F4@C2E FB ! @ 3 3 LBFE2 E NFB4233 BE @FBK1@ @2 @' 'EA 2M@ L 2A FBC @2 A230 BI 'FA3 ' @2 NB E 3 B @2 4BCN'33 I@2F2' @2 U2 I3 F' 32 @2 F 'FC3 'EA K 2F ' 4FG!J

?' E 2E 2F E1' @2' * @2 B I 2' 322 3F'2 ' L2 BF2' #' 2E 3 ' E' K ' F23 T 233 'LBKF' 'EA' '4 H G! 2'N2BN 2'3 ' E' @2 F'ABBF I 0'G3 ' BF' BK 3 A2' E' @2' 3 F22 3 ' I @ 4@' F242 H2' @ 'FA G' CBF2' 1@ ' @'E' @2' A'CN' 'EA 1 BBC G' 4@' C L2F3 ' 'EA' 1FKL' 'C A' @2 F' B A' FKCN2FG ' BF' N ' 4@' 'EA' 32 I ' A 12E G! ' 3 E2MNF233 L 2' I @' ' '' 4 '3' B ' 3@F2A3' 'EA' N ' 4@23' 4' 2A ++' E' ' 'E ' 3' @2F2' '44KCK ' 2A! @2' I @B 2' I BF A' 322C3' B' L2' G E1' 'LBK ' E' 4BKE 233' F'13' 'EA' 34F'N3 ' '3' U2 I 3@' N KEA2F!' @2' F'1C2E 3' 2' E' @2 'N3' L2 BF2' @2' ABBF3 '_ @2G 'F2' B ' 2H2FG' O EA' 'EA' 4B BKF % 1B A' F E123 ' 34F'N3' B '3 O' LFB4 'A2 ' L 3' B 'H2 H2 ' F2A'N' 4@23!

L K2' N' 4@23' BF'E12' G2 B I ' L '4O' 'EA' I@ 2' BC ' B A ' 3 '3@2A' 'EA' ' 2F2A' N 2423' 'F12' 'EA' 3C ' !' ' E2H2F' 3 ' I ' 3K4@' H 'F 2A' FKLL 3@!' @2' U2 I 3' C 1@ ' C 2EA' KN' ' ' 4F2' BE' I @' ' 'EA' N ' 4@' @2' I @B 2' I BF A' '3' 1' G' '3' @ 'F 2SK E{3' 4S' !' @2F2' @2G' 3 ' 'F A' 1FKL' E' @2 F' 32'' B ' F'13' '3' @BK1@' 322O E1' BF' F2'3KF23' ' ' 2 '3 ' BF' '' B3 ' 1B A' LFB4'A2!' BF' @2G' 'F2' '3' 1BBA' 'E SK'F 'E3' '3' 'EG' B ' @B32' E' BC2' I @B' 1FBH2 ' 'CBE13 ' @2' FK E3' B' LF E1' B' 1@ ' @2' 3 KCN' B ' '' 4B KCE ' '' F'1C2E ' B ' '' F2 2 ' 'E' 'E4 2E ' E34F N BE ' '' 4B E ' BF' 3K4@' C ' 2F3!' '4O' 2LF2 I ' E4O2 C ' EE' E' @2!' * @2 B' 'G3' BK ' @ 3' F'13' BF' 3 ' 2' I @' '' 42F ' 'NF A2 ' '3' AB23' @2' A2 ' 2F' E' C 'FL 2' F'1C2E 3!' @2' ' 2F' LB '3 3' '' N 242' B ' 1 ' B"' E 4B ' @2' U2 I ' 4 'E' C ' 4@' ' I @' 'E' 2M42 2E ' F'1C2E ' B ' G2 B I ' 3 O0' NBFNG@FG' @2F2' 3' F2NF232E 2A' LG' '' N 242' B ' A 'FO' F2A' A ' C '3O ' H2FA2"' E 4B' '' @' EA3BC 2' N ' 4@' B ' 'E4 2E ' 1F22E' H2 H2 !' EA' @2F2' 3' E2 @2F' '3N2F ' EBF' ' 'L' 3 2F ' L ' 4O' C 'FL 2' BF' I @ 2 ' BF' N ' F "4B BKF2A ' I @ 4@' @2' * @2 B' 'E SK 'F 'E' 3' EB ' 'L 2' B' C ' 4@!' @2' @ 3 BFG' B ' 2H2FG' '3@ BE' FBC' 2FBA' @2' * F2 ' ' B' @2' EH2E BE' B 'N ' 2 B 3 ' 'EA' B '2H2FG' C BA2' B ' @2' @ 1@23 ' '3' I 2 ' '3' B ' @2' B I 2F' 4 '3323' C 'G' L2' 4B 24 2A' FBC' @232' F'1C 2E 3 ' 3BC2' B ' I 4@' 'F2' F2 ' G' @ 3 BF 4 ' ' 'EA' C 'G' BE42' @ 'H2' 'ABFE2A' @2' N2F3BE3' B ' BCK K3 ' 4 N B' F 4 'EK3 ' 'EE L ' ' BFE2 ' ' K1K3 KA @' F 2C '1E2 ' (2F 4 23 ' 2BN ' F ' ' 'FL 'FB33 ' ' * F21BFG' !' B KCLK3 ' 'EA' 3B' BF @!

? 2F2' 3 ' @2' A 'K1@ 2F3' B ' ` BE' BE' @232' @2 'N3' 'EA' 32 I ' ' ' @ ' ' 3' 4 'N ' L 2' B ' L2 E1' 32 I E!' * F2 ' ' 3' @2 F' LB '3 2A' 3O ' E' ' ' I BFO' B ' C 2EA E1 ' A 'FE E1' 'EA' E2"AF' I E1 ' 'EA' ' 3' 3 ' A' @ ' ' 2H2E' @2' CB3 ' BFC A ' L 2' F2E ' E' 'EG' B A' AF 'N2FG' BF' 1 'FC 2E ' I A 3B2H2F ' L24BC23' EH 3 L 2' KEA2F' @2' L 'EA3' B ' @232' F'4@E23!' ' 3' 4@ 2 ' E' @2' KC 'F ' ' @2' 3 F22 ' G E1' B I 23 ' 'EA' E2 'F23 ' B' @2' F H2F ' 'EA' E' @2' 3 F22 ' 4BFE2F3' BE2' B ' I @ 4@' 3' 4' 2A' F1KC 2' !.' B ' KE 2 'H2E2A' LF2 'A ' @ ' ' @ 3' LK3 E233' 3' 4 'FF 2A' BE!' '@ 'H2' B 2E' 322E' I @' KE 22 E1' B ' N ' E' @2' N ' 2 ' 3 BBN E1 ' 3 'FH E1' 1KF23 ' 'LBF BK3 G' N G E1' 6 @2' E22A 2 % C 2E' '3' I 2 ' '3' I CC 2E ' 1 F 3' 'EA' 4@ AF2E!' 32FG' 3 'F23' BF @' FBC' @2' 'E1 2A' @ ' F ' 'EA' 4BCN ' E3' 3 2E G' E' @2' G2 B I "LFB I E' '423 ' 'EA' EB' L2 'K G' B ' 2 ' KF2' F24' 3' @2' 4BKE 2E 'E42' B ' '4@2 ' 2 ' @ ' BF' F ' C % BE G' ' E2 C23' '' 1 'E42' FBC' '' A22N"3KEO ' N 2F4 E1' @ '4O' 2G2 ' @ ' ' BBO3' KN' FBC' 3' E22A 2' 'EA' F'13 ' 'EA' 322C3' B' 3 'G% / FBC' @2' A 'K1@ 2F' B ' ` BE ' ' ' @2F' L2 'K G' 3' A2N 'F 2A% 3@2' @ ' ' I '3' 1F2' ' 'CBE1' @2' E' BE3 ' 'EA' NF E4233' ' C BE1' @2' NFBH E423 ' @B I ' 3' 3@2' L24BC2' F LK 'FG'R' @2' I 22N2 @' 3BF2' E' @2' E 1@ ' 'EA' @2F' 2'F3' 'F2' BE' @2F' 4@2203' 0' ' C BE1' ' ' @2F' BH2F3' 3 2' @ ' @' EBE2' B' 4BC BF ' @ 2F0 ' ' @2F' F 2EA3' @ 'H2' A2 ' ' F2 ' 4@2FBK3 G' I @' @2F ' @2G' 'F2' L24BC2' @2F

2E2C 23!' UKA'@' 3'1BE2' E B'4'N H G'L24'K32'B '' 4 BE''EA'L24'K32' B '1F2' '32FH KA2D' 3@2' A I 2 2 @' 'CBE1' @2!@2' @2E' 3@2' EA2 'EB' F23 0' ' '@2F'N2F324K BF3' BH2F BBO'@2F'L2 I 22E' @2' 3 F' 3!' B I'@'@' @2' BFA'4BH2F2A' @2'A'K1@ 2F'B ' ` BE' I @''' 4 BKA' E' @ 3' 'E12FXJ%' !'' #$% &# '

@2' E'FFB I' 3 F22' I @ 4@' 3' '' 4BE EK' BE' B' @2' (23'' 4@2F ''' 2C2F123' KNBE' @2' 3C'' ' 3SK'F2' 4' 2A' ! 7447'$ #7' G 0$ 7' E' @2' @BK323' BE' @2' 2 ' C'G' L2' 322E' 3BC2' 4B KCE3' 'EA' N'F' B ' 'E' 'F4@ F'H2' L2 E1' @2' BE G'H 3 L 2' F2C' E3' B ' @2' @ 70 ' ' : 7#@ 6' 2F24 2A' LG' !' BFE2 K3' ' LK3' '' 12E2F' ' I @B' F KCN@2A' E' @2' C2' B ' K1K3 K3' I @' @2' 3NB 3' 'O2E' FBC' @2' * 'F'C 'E 23' '' N2B 2' B ' F 4'!' ' I '3' BN2E2A' E' @2' 3'C2' G2'F' '3' @2' @2' F2' B ' 'F42 K3' 'EA' @BK1@' H2FG' CK4@' 3C' 2F' I '3' 4'N'L 2' B ' 4BE ' E E1' '3' C 'EG' '3' ;<< 3N24 ' BF3!

B' @2' F 1@ ' 3 ' N'F G' BE' @2' 3 2' B ' @2' 'E4 2E ' @1' F2' 'EA' 2M 2EA E1' ' BE1' BE2' 3 A2' B ' @2' ('PP'' A2 2' 4KB 2' 3' @2' H'3 ' ! 7#744 ' 70$' @2' 'E4 2E ' F23 A2E42' B ' @2' 'CBK3' 2E4 ' 'C G' EB I' F2NF232E 2A' LG' BKE ' 2E4 '' B B1E2 ' ' ' @2' 342E2' B ' C 'EG' B ' @2' 2FF L 2' 4F C23' 'EA' F'12A 23' I @ 4@' 3 ' E' 3' 'EE' 3!

?' @2' 2E4 ' (' '42' 3' B '1F2' ' 2M 2E 0' 'EA' @BK1@' E'N'F ' CBA2FET P2A ' @2F2' G2 'F2C ' E3' ''H'3 ' 'EA' 1 BBC G' 2' B ' 2KA' ''F4@ 24 KF2' E' @2' 3 'C 2' 3 ' 2' '3' AKF E1' @2' AF2'A K ' 342E23' I @ 4@' ' BE42' I E2332A!' @2' N' '42' 3' 3 K' 2A' E' 'E' BL3C F2' 4BC 2F' B ' BC 2 ' E2 'F' @2' SK 'F 2F' B ' @2' U2 I 3' 'EA' FBC' @2' KNN2F' I EAB I 3' GBK' 322' @2' C C 2E32' FK E3' B ' BKE ' (' ' E2 ' @ ' '@ AA2E' KEA2F' @2' NFB K32' KEA2F1FB I &' @' B ' F223!' @2F2' 3' '' 4BKF ' E' BE2' N ' F (B ' @2' N' '42' 3KNNBF 2A' LG' 4B KC E3 ' 'EA' 'ABFE2A' I @' 'E SK2' F 2P23' A ' E2' I BFOC 'E3@ N ' 'EA' LK ' KN' ' 2F' @2' ' 'E' '3@ BE ' I @' L' 4BEG' BH2F' L' 4BEG' B ' BN2E' I BFO!' E2' B ' @2' 1' 23' B ' @2' N' '42' BFC 2A' B ' C C 2E32' 3 BE23' 'EA' 2' A E1' @FBK1@' '' N'33'12' A'FO' 'EA' B G' 'EA' BN2E E1' E B' 1 BBC G' 3KL 2FF'E2'E' 4@' C L2F3 ' 3 FK4O' C 2' N ' F 4K 'F G!J% %!#% 7' !, -!'#' ?' %!' !$- >

NNB3 2' @2' KF @2F' 2E F'E42' B ' (2' (' '42' 3' @2' EG

EE ' /

4@KF4@' B ' 76 '$ ' #' BKEA2A' 7' LG' 2E4 B ' L 3@BN' B ' 'L E'D' 1F'E 2A' LG' UK K3' !' B' B44B' 2E4 D' % 'EA' F2LK ' E' \-\' LG' @2' I 402A' BKE ' 2E4 !

?' E' \,\' F'E4234B' 2E4 ' I '3' @2' @2'A'B ' @2' 'C G ' '' C 'E' B ' N'33 BE3' 3B' KE1BH2FE'L 2' 'EA' @2'F ' 3B' A2NF'H2A ' @' ' @2' @23 ' 2A' ' 'EB' 3N24 23' B ' 4F C 2!' 3' F3 ' I 2' I '3' '' (F E4233' 'E '' FB42 ' I@BC' @2' 3' 2 2H2A' B' @ 'H2' NB 3BE2A' E' BFA2F' B' C 'FFG' @2' L2 'K K ' K4F2P H' (2 FBE ' 3' ABC 23 4' 4FK2 23' B' @ 3' 4@ AF2E ' 23N24 ' G' B' @ 3' @F22' 2 A2F' 3BE3 ' * 'SBCB ' @F 3 B BFB ' 'EA' B44B '! I 2C' 3B' 2FF L 2 ' @' ' @2G' N2 BE2A ' @2' F2 1E E1' (BN2' 2C 2E ' !' B' E 2F 2F2' E' 2 F' L2@' ' LK '@2' 'LFKN G' A 3C 332A' @2C' '3' F2L2 3' '1' E3 ' @2' N ' 2FE' ' 'K @BF GD' BE2' A'K1@ 2F' 'F1K4 ' f' ' BE2' 234'N2A' FBC' @2F' C 32F'L 2' @BC 2 ' L2 E1' 1 H2E' E' C 'E '12' LG' M2' NBN2' B' '' 1EBF' * 'LF 2 K

?' @2' 234'N2' B ' @ 3' A'K1@ 2F' C 'A2' F'E4234B' @2' C BF2' 2C L 2F2A' '1' E3 ' @2' F2C ' EA2F' B ' @ 3' 'C G!' 3' GBKE123 ' 4@ A ' 2 ' F 42 ' @2' C CKF2A' E' '' 3B 'FG' 4@' CL2F ' B' I @ 4@' EB' BE2' LK ' @ C 32 ' I ' 3' 'AC 2A ' 'EA' I @2F2' @2' 4BE3 'E G' 3 ' H2A' 'EA' L2 ' ' @2F' 32H2F2 G!' @2E' @2' F242 H2A' @2' E2 I 3' @' ' @ 3' 3BE3' @F 3 B BFB' 'EA' B44B' I 2F2' '33' 33 E ' 2A' E' @2' E2 1@LBKF@BBA' B ' BC 2' LG' 'E' KEOEB I E' @ 'EA ' @2' 2MNF2332A' @2' K E B3 ' BG ' A24 'F E1' @ ' ' EB' C BE2G' B ' @ 3' 3@BK A' NKFT 4@ '32' C '3323' BF' @2' F2NB32' B ' @2 F' BK 3 ' 'EA' @ ' '@2' 4BK A' @ 'H2' @B' N2 '42' KE '@ 3' I 2' 'EA' 2H2FG' 4@ A' @2' @ 'A' I 2F2' E' @2 F' 1F' H23!

?' K4F2P ' ' L2 2H E1' @' ' @2' C BE3 2F' I @BC' 3@ '@ 'A' 23NBK32A' I ' 3' NB332332A ' E' 3N 2' B ' @ 3' 4FK2 G ' LG' '' 4F C E ' ' N '33 BE' B ' @ 3' B I E' A'K1@ 2F ' ' 2C N 2A' 324F2 G' L' 3'H2' @2F ' LG' NF232E E1' '' C 2C BF ' ' B' @2' NBN2' C N BF E1' @ C' B' 1 H2' @2F' E' C 'FF '12' B' '' 1EBF' * K2FF' ' I @B' @ 'A' BE1' L22E' ' '4@2A' B' @2F!' K ' @ 3' N2 BE' I '3' E 2F42N 2A' LG' F'E4234B ' I @B' @2E' 4 'FF 2A' 4F2P '' 'EA' @ 3' I B' GBKE123 ' 4@ AF2E ' 2 ' F 42' 'EA' 2FE' FAB ' B' (2 F2 ' ' '' H '3 ' 'EA' A23B ' 2' 4 '3 2' E' @2' N2EE E23!' * K2FF' ' 'EA' * '4BC B' @2' 2 A23 ' F2C ' E E1' LFB @2F' B ' 2 ' F 42 ' @ F2A' '' L'EA' B ' L'EA ' E' @2' 'L E2' @ 3' I @B' I 2F2' B' '4O' @2' N ' F G' BE' @2' I ' G ' 'EA' B' 4' [G' B ' F' E4234B' BF' '' F'E3BC ' L2F' E1' @2' I B C 2 E L K ' @2' F234K2' 'FF H2A' BB' ' 2!

?' @2E' @2G' F2 '4@2A' (2 F2 ' ' 2 ' F 42' I '3' E4 'F42F' 2A' E' '' 3KL 2FT F'E2 'E' AKE12BE ' I @2F2' 3@2' I '3' N2F3K' A2A' @ ' ' @2F' BH2F' * K2FF' '@ 'A' L22E' CKFA2F2A' 'EA' I '3' F2' 2A' I @' 3K4@' ' I K ' 4FK2 G' LG' @2F' ' @2F' @ ' ' BF' '' C2 ' 3@2' I '3' A2NF H2A' B ' @2F' F2 '3BE!' E2' A ' G' '' 32FH' E ' 'FP B ' I @B32' L2 FB @2A'@ ' A' NF2H B "3 G' L22E' 32AK42A' 'EA' CKFA2F2A' LG' F'E4234B ' FBK32A' LG' @2' 3@F 2O3' B ' 2 ' F 42 ' LKF3 ' E B' @2' FBBC ' 'EA

FK3@ E1' KNBE' @ 3' C '3 2F' A2' ' '' 2FF L 2' @FK3 ' I @' '' A'112F' BE' @ 3' E240 ' 2M4 ' C E1 ' /' ' CKFA2F' @22 ' '33'33 E' B ' @G' B I E' L BBA!{ K ' 2E4 ' 'FB32' KE E KF2A ' B' @2'@BFFBF' B ' 'FP B ' I@B' C '1 E2A' ' 'BE G' '' A2C BE' 4BK A' 'H2F ' 3K4@' '' L B I ' 'EA' I @B' I '3' 1EBF' E ' @' ' @2' I BF2' KEA2F'@ 3' H23 C2E 3 ' 2H2E' E' L2A ' '' 4B' 'B 'C ' ' I @ 4@' 4BH2F2A' @ 3' 2E F2' LBAG!

? ' 2E1 @' 2' F 42' 4BE F H2A' B' 4BC CKE 4 ' 2' I @' @2F' LFB @2F' * 'T 4BC B ' I @B' KE 2A' I @' * K2FF'' E' @ F E1' @2' 32FH 423' B ' 'FP B' 'EA' p' B ' GCN B ' 'EB @2F' 32FH' E ' I @B' I '3' E3N F2A' I @' 'E' 2SK' ' @ F3 ' BF' H2E12' E42' KNBE' BKE ' 2E4 !' ' 2 ' @' ' @2' A2' @' B ' F' E4234B' I '3' @2' BE G' @BN2' BF' @ 3' KE@' NNG' 'C G!' @2' '33'33 E3' 4BCT CKE 4 ' 2A' I @' K4F2P ' ' I{@B' 'AC E 3 2F2A' 'E' BN ' 2' B' @2F' @K3L' EA' 'EA' @2E' 3 B 2' FBC' @ C ' 3BC 2' O2G3' I @ 4@' 2E' L 2A' @2F' ' 2F' C AT E 1@ ' B' L2F' 2' 2FE' FAB' 'EA' 2 ' F 42!' @2' ' 2F' 3@2' BKEA' E' '' 3 ' 2' B ' 3 KN2 '4 BE ' 'EA' H ' E G' 2EA2' HBKF2A' B' FBK32' @2F ' 3 1E G E1' @' ' @2' CBC 2E ' B '234' N2' @ ' A' 'FF H2A!' 2 ' F 42' 3@B I 2A' EB' 3GCN BC' B ' 3KFNF 32' ' ' @2' 'EEBKE42C 2E ' BF' ' ' @2' H 3 ' B ' @2F' 3 2NCB @2F' ' ' @' ' 3 F'E12' @BKF{' 3@2' '3O2A' EB ' @B I ' @2G' @' A' BN2E2A' @2F' ABBF ' BF' @B I ' @2F' L2F G' @ ' A' L22E' ' 4SK F2A!' @2E' @2G' I 2F2' ' ' '332CL 2A' E' @2' @' ' K4F2P '' B A' @2C' @2' NFB 24 ' 'EA' 'O2A' @2 F ' A!' 2FE' FAB' ' ' F3 ' @23 ' 2A ' LK ' K4F2P '' FBK32A' @ C ' LG' 2H2FG' ' F1KC 2E ' 3@2' 4BK A' KF12' 'EA' BL ' E2A' @ 3' 4BE32E !' 2 ' F 42' C 'A2' EB' F2N G!

? !' !' f' f' F'E4234B' 2E4 ' I '3' CKFA2F2A' E' @ 3' 3 22N!' 'FP B N '42A' '' 'F12' E ' ' BF' FBE' LB ' BE' @ 3' F 1@ ' 2G2 ' I @ 4@' GCN B ' I @' BE2' L B I ' B ' '' @'] E2F ' AFBH2' 3 F' 1@ ' E B' @2' LF' E!' @2' A22A' @K3' '44BCN 3 2A' 'FP B' 'EA' GCN 4' I F' NN2A' @2' A2' A' LBAG' E' ''3@22 ' 'EA' 4 'FF 2A' ' B' '' 3C ' ' N ' H BE' LK ' ' ' @2' 2EA' B ' '' 2FF' 42" I ' O ' BH2F BBO E1' ' E' BF4@' FA!' FBC ' @ 3' @2 1@ ' @2G' 4 ' 3 ' 'AB I E' BE' ' E' B A' 1E ' F 2A' 2 A2F" F22 ' E' BFA2F' @' ' I @2E' @2' LBAG' 3 BK A' L2' BKEA' @2' E2M ' CBFE E1 ' ' C 1@ ' ' NN2' F' @' ' I @ 3 ' I ' O E1' BE' @2' 2FF' 42' @2' BB ' B ' @2' 4BKE ' @' A' 3 NN2A ' 'EA' @' ' @2' @' A' ' 2E' @2' A" BF2CB3 ' BE' BE2' B ' @2' 3 KE 2A' LF' E4@23' B ' @2' F22 ' I @ 4@ ' N 2F4 E1' @FBK1@' @ 3' 2G2' B' @2' LF' E ' @ ' A' 4 ' K32A' @ 3' A2 @!' 2 KFE E1' B' @2' @' ' @2G' F242 H2A' FBC' K4F2P '' '' NKF32' B ' 1B A' I{ 'FP B ' 4 ' FFG E1' I @' @ C' '' H ' K ' L 2' 4 B ' O' F CC 2A' I @' 1B A' '42' KFE2A' B I ' FA3' 2' F 42' I @B' 3 ' 3 BBA' 2 ' E E1' '1' E3 ' @2' 'L 2 ' 'EA' 3 ' G E1 ' /' ' 3@' ' O22N' @ 3' '3' '' C 2C BF ' ' B ' GBK {' A2N' F 2A' I @' GCN B!' @2' F2NBF ' B ' F' E4234B{' 3' A2' @' I '3' EB ' 3NF2' A' @FBK1@' @2' 4 ' 3 2' KE ' @2' E2M ' CBFE E1!' KT 4F2P '' @2E' FK3@2A' @FBK1@' @2' @BK32' K 2F E1' 4F 23!' E' '' A ' G' BF' I B' @2' KE2F' ' BBO' N '42' 'EA' CC 2A ' 2 G' ' 2F' @2' 'C G' F2 KFE2A' B

BC2!' * '4BCB' BBO' NB33233 BE' B ' @2' 2E4 ' N' '42 ' 'EA' 2 ' F 42' A' G' CNFBH2A' E' @2 ' @'B 'LBAG' 'EA' C EA!

?' BBE ' @B I 2H2F ' @2' 3K3N 4 BK3' 4 F4KC 3 'E423' B ' BKE ' 2E4 ⅓ A2' @' 2M4 2A' ' 2E BE' ▯ @2' LBAG' I '3' 2M@KC 2A' 'EA' 2M' C E2A ' 'EA' @2' ET @'L 'E 3' B ' (2 F2 '' N ' 42A' KEA2F' 'FF23 ' I @2E' '' I '3@2F I BC 'E' A2NB32A' B' @'H E1' F242 H2A' L BBAG' 3@22 3' FBC' BE2' B ' @2' E@'L 'E 3' B ' @2' 4'3 2% 3@2' @BK1@ ' FBC' 2' F 42% @2' A'G' ' 2F' @2' CKFA2F!' E' @2'F E1' @ 3 ' @2' 2'F' @ ' ' @2' I BK A' KFE' '1' E3 ' @2C ' EAK42A' 1EBF' * FF'' B' @ F2' '33'33 E3' B' NKF3K2' GCN 4 ' I @BC' @2G' A23N' 4@2A' ' ' 2 C ▯ LK ' 'FP B' I '3' 'FF23 2A ' 'EA' 4BE 2332A' @2' 4 F4KC 3 'E423' B ' @2' CKFA2F ' @BK1@' I @2E' 4BE FBE 2A' I @' 2' F 42 ' @2' NFB4 ' C 2A' @2F' EEBT 42E42' B ' ' 'EA' A24 'F2A' @2F' E4 'N' L 2' B '4F C2!

* K2FF'' C 'A2' 1BBA' @ 3' 234 'N2 ' LK ' @2' I @B 2' 2E4 ' 'C G' I 2F2' @FB I E' E B' NF 3BE' 'EA' NK ' B' @2' BF KF2!' * '4BCB ' 2FE' FAB ' 'EA' K4F2P ' ' KE' L 2' B' 2EAKF2' @2' 3K 2F 13' B ' @2' F' 4O ' 4BE 2332A' ' ' BE42!

?' K4@ ' @B I 2H2F ' I '3' EB ' @2' 4'32' I @' @2' GBKE1' 'EA' L2'K K ' 2' F 42!' K 'B ' 3N F ' 'EA' 4BKF'12 ' E2 @2F' @2' N2F3K ' 3 BE3' BF' @F2 ' 3' B ' B34 ' ' @2' KA12' 4BK A' 2M BF ' FBC' @2F' @2' 3C ' 23 ' 4BE 233 BE!' ! @2' 2EAKF2A' @2' BF KF2' B ' @2' 4BFA' I @' ' ' @2' FCE233' I @ 4@' @2' NKF G' B ' @2F' @2' F ' E3N F2A!' @2' KA12' ' 2A' B' 2M BF ' FBC' @2F' N3' '' 3 E1 2' I BFA' I @ 4@' 4BK A' @FB I ' '' 3@' A2' BH2F' @2F' EEB42E42 ' 'EA' ' ' 2E1 @ ' L2 2H E1' 'K32 233' B' NKF3K2' @2' BF KF2' KF @2F' @2' 3K3N2EA2A' @2' NFBT 422A E13 ' 'EA' F2NBF 2A' @2C ' B' @2' (BN2!' K ' 2C 2E ' !' 3K3N24 E1' @' ' @2' KE I E1E233' B ' B34 ' ' B' L2 2H2' 2' F 42 1K G' I '3' EAK42A' LG' @2F' 2M F2C 2' L2 'K G ' BE G' F2N 2A' LG' 4BE3 1E E1' @2' NFB324K BE' B' 'EB @2F' KA12 ' 'EA' 2' F 42' I '3' 2 ' E' @2' @ 'EA3' B ' K4 'E ' ⁄ '' C 'E' I @B32' @2' F ' I '3' '' 3 F' E12F' B' 2H2FG' 22 E1' B ' @KC 'E G!▯ $NBE' @2F' F2E2 I 2A' NFB 23 ' BE3' B ' EEB42E42 ' @2' BFA2F2A' @2' BF KF2' B ' @2' 1 '!

? @2' BF KF2' B ' @2' 1 '' I '3' '3' B B I 30% $NBE' '' @ 1@' B E '" 3 BB ' @2' 32 ' ' 'LBK ' '' 3N 'E' 'F12 ' 'EA' E3 2 'A' B ' L2 E1' ' ' 4K ' E' @2' BFC' B 'NB E 2A' A ' C BEA3 ' @2' H 4 C' I ' '32 ' 2A▯ @2' 213' I 2F2' '3 2E2A' B12 @2F' 'EA' I @BK ' 3KNNBF ▯ @2' @ ' EA3' LBKEA' L2@ EA' @2' L ' 4O ' 'EA' I @' '' FKEE E1' OEB ' ' '4@2A' B' '' 4BFA' A2342EA E1' FBC' @2' 42 E1▯ @2' LBAG' I '3' BB32 G' ' '4@2A' B' @2' L ' 4O' B ' @2' 4@' F ' 4K ' ' 3B' E B' ' E1K 'F' NB E 3!' ' F2 4@' 3 BBA' E2 ' F ' NK3@ E1' @2' H 4 C' FBC' 3 A2' B' 3 A2 ' 'EA' EB I ' 'EA' @2E ' LG' NK E1' @2' FBN2' FBC' @2' 42 E1 ' 1 ' H2' @2' 'FC3' CB3 ' N' E K ' 2FO3!' E' @ 3' @BFF L 2' NB3 B @2' 3K 2F2F' !3 $!5, #'% 1 :' @2' '33 3 ' E 3' L2 E1' 4@ ' E12A' 2H2FG' @' @BKF!' ' @2' 2MN F ' BE' B ' @ 3

97; # ; ' '

C 2 ' 2 ' F 42 ' I ' 3 ' 4 ' FF 2A ' E B ' @2 ' NF 3B ' ' C BF2 ' A2 ' A ' @ ' E ' ' H2 !' @2 ' KA12 ' I ' 3 ' ' EEBG2A ' ' ' @2 ' ' 44BKE ' @2 ' F242 H2A ' B ' @2 ' BF KA2 ' B ' 2 ' F 42 ' ' EA ' E ' ' ' F ' 12 ' @2 ' 2M4 ' C 2A ' / 2H2F ' 3@ ' ' ' L2 ' 3 ' A ' @ ' ' ' I 2 ' O ' 1 F ' 4 ' E ' 234 ' N2 ' FBC ' C G ' @ ' EA3 ' I @ 2 ' EB ' BE2 ' B ' @B32 ' 4BEA2C E2A ' @ ' H2 ' L22E ' ' L 2 ' B ' F23 3 ' C G ' NB I 2F ' X ⟨

? E ' @2 ' @ FA ' A ' G ' @2 ' 2M ' C E ' BE ' I ' 3 ' F2E2 I 2A ' ' EA ' 2 ' F 42 ' I ' 3 ' 4BEA2C E2A ' B ' @2 ' # # ' - ' '" 1,I ' / ' ' ' 1 H2E ' 3 1E ' ' @2 ' 3 ' 2 T 23 ' B ' @2 ' F LKE ' ' 4 ' FF 2A ' 2 ' F 42 ' KEA2F ' ' FBN2 ' 3K3N2EA2A ' FBC ' @2 ' 42 E1 ' ' EA ' I 3 E1 ' E B ' ' 4BFA ' @2F ' BE1 ' ' EA ' L2 ' K K ' @ ' F ' 2G ' ' 4@2A ' ' I @ ' A ' LB 4 ' ' ' F ' B ' @2 ' FBN2 ' 3B ' @ ' ' @2 ' I @B 2 ' LBAG ' 4BK A ' LG ' @ 3 ' C 2 ' E3 ' L2 ' F ' 32A ' FBC ' @2 ' 1FBKEA !' @2 ' F 1@ K ' NF2N ' F ' T BE3 ' BH2F ' ' EA ' @2F ' NFB 23 ' BE3 ' B ' EEB42E42 ' ' 1 ' E ' A 3F21 ' FA2A ' 3@2 ' I ' 3 ' 2 2H ' 2A ' FBC ' @2 ' 1FBKEA ' LG ' @2 ' @ ' F ' B ' @2F ' @2 ' A ' ' ' @2 ' 3 ' C 2 ' C 2 ' I ' 3 ' ' AA2A ' ' EB @2F ' BF KF2 ' 4BE3 3 E1 ' B ' ' ' C 23@ ' B ' 3C ' ' 4BFA3 ' I E2A ' ' LBK ' @2 ' E12F3 ' I 3 E1 ' @2C ' E2 ' F G ' BK ' B ' B E ' ' EA ' AF ' 11 E1 ' @2 ' @ ' EA ' ' C B3 ' FBC ' @2 ' LBE2 ' B ' @2 ' ' FC !' @2 ' I F2 4@2A ' 1 F ' 34F2 ' C2A ' I @ ' 1BEG ' I @ 2 ' @2 ' KA12 ' 3 BBA ' LG ' 4BC C ' EA E1 ' @2 ' 3K3N2EA2A ' FBN2 ' B ' L2 ' 1@ 2E2A ' ' EA ' F ' 3 E1 ' @2 ' LBAG ' LG ' @2 ' @ ' F ' FBC ' @2 ' 1FBKEA ' 1 ' H2 ' ' ' 3KAA2E ' 2FO ' 2M@BF E1 ' @2F ' B ' 4BE 233 !' @2 ' 4F 2A ' BK ' E ' ' 4BEHK 3 BE ' BF ' I ' 2F ' FB E1 ' @2F ' 2G23 ' E ' ' 1BEG ' ' EA ' 2M4 ' C E1 ' / ' ' C ' EEB42E ! ' @2 ' BF KF2 ' L2 E1 ' F2N2 ' 2A ' I @ ' 3 ' 1F2 ' 2F ' 4FK2 G ' ' EA ' @2 ' BF KA2 ' B ' @2 ' GBKE1 ' 1 F ' F2C ' E E1 ' KE3@ ' O2E ' @2 ' KA12 ' L2 2H E1 ' ' C NB33 L 2 ' @ ' ' ' GBKE1 ' 2C ' 2 ' 4BK@ ' F23 3 ' 3K4@ ' BFC 2E 3 ' 4BE4 KA2A ' I @ ' @2 ' 3KN2F3 BE ' B ' @2 ' C 23 ' @ ' ' 3@2 ' 4 ' FF 2A ' ' LBK ' I @ ' @2F ' 3BC 2 ' I 4@"' 4F ' D ' @2 ' BFA2F2A ' @ F ' B ' L2 ' 2M ' C E2A ' ' EA ' EA E1 ' EB ' 4 ' K32 ' B ' 3K3N 4 BE ' I ' 3 ' ' LBK ' B ' @ ' H2 ' @2F ' @ ' F ' 4K ' B ' I @2E ' ' I ' 3 ' 3K1123 2A ' @2 ' BFC 2E ' B ' @2 ', 1 ' - ' '" #3 4BK A ' EB ' @2E ' L2 ' F2E2 I 2A D ' @2F ' @ ' F ' I ' 3 ' ' 1 ' E ' ' 3 2E2A ' B ' @2 ' FBN2 ' ' EA ' BF ' ' ' I @B 2 ' @BKF ' 3@2 ' I ' 3 ' 3KL 24 2A ' B ' 3K4@ ' ' ' 3K44233 BE ' B ' 4FK2 23 ' ' 3 ' @2 ' 2 ' F ' 3@F EO3 ' FBC ' E ' FF ' E1 D LK ' EB ' ' ' I BFA ' 234 ' N2A ' FBC ' @2F ' N3 ' @ ' ' 4BK A ' 4BC NFBC 32 ' @2F ' EEB42E42

? E ' @2 ' C2 ' E C2 ' K4F2P ' ' * ' 4BCB ' ' EA ' 2FE ' AB ' I 2F2 ' ' O2E ' E B ' @2 ' @ ' ' F4K 2B ' ' EA ' E ' @2 F ' NF232E42 ' ' F2N2 BE ' B ' @2 ' BF KF2 ' I ' 3 ' BFA2F2A ' B ' 3B ' ' I K ' ' E ' 2M 2E ' @ ' ' 3@2 ' ' E 2A ' ' EA ' ' G ' 32E32 233 !' ' E2 I ' 4FK2 G ' I ' 3 ' A2H 32A ' @2 ' # C "? .' @2F ' 22 ' I 2F2 ' L ' F2A ' ' EA ' B ' @2 ' 3B 23 ' I ' 3 ' ' NN 2A ' ' ' L B4O ' B ' @2 ' 2A ' I BBA ' NF2N ' F2A ' E ' 3K4@ ' ' ' I ' G ' ' 3 ' B ' F2 ' E ' @2 ' 34BFN@ E1 ' @2 ' D ' @2E ' A A ' 2 ' KE@ ' NNG ' 1 F ' K 2F ' N 2F4 E1 ' 3@F 2O3 ' ' EA ' F2C ' E2A ' 3BC 2 ' C EK 23 ' ' NN ' ' "2E G ' A2 ' A ! ' @232 ' ' 44KC KT ' 2A ' BF KF23 ' I 2F2 ' F2N2 ' 2A ' KE ' @2F ' "2 ' BE3 ' HHA B ' I 2F2 ' @ ' EA4K 2A ' 23 ' @2G ' 3@BK A ' F2EA2F ' @2N ' ' EG 4 33 3 ' E42 ' L21 ' E ' B ' C N BF2 ' @2F ' I @ ' @2 ' F F2EA E1 ' 2 ' F3 ' ' EA ' 2E F2 ' 23 ' B ' G 2 A ! ' B ' @ 3 ' @2 ' KA12 ' E1 2A

@F2' 3' 'EA' @2' 'NN 4' BE' B ' KF @2F' BFC 2E 3 ' 'EA' 2E BF42A' @2C' I @' 3K4@' F 1BKF' @' ' @2' H 4 C' 3@F 2O2A' E' '1BEG ' 'EA' 2M4 ' C 2A ' ƒ @' ' 42'32' @ 3' C 'F GFABC ' 'EA' ' I '4BE 233' 'EG @ E1!'◊

?' @2' BF KF23' I 2F2' ' ' BE42' 3K3N2EA2A' 'EA' F23 BF' H23' 'NN 2A ' I @ 2' @2F' 'C G' BE' @2 F' OE223' C N BF2A' 2' F 42' B' 'A@2F2' B' @2F' NFBC 32 ' KF1 E1' @' ' @2' KEE' KF' ' 4FK2 23' B ' @2F' ' @2F' I BK A' L2' '' K3 ' A2 2E42' BF' @2' 4F C 2' C NK 2A' B' @2F' 'EA' @' ' ''1F22 E1' B' @2 F' A2NB3 BE ' 3@2' C 1@ ' 1 H2' @2C' '' @BN2' B ' 4BC CBE' L2F' BE!' @2' KE@ 'NNG' 1 F ' F2N 2A ' ƒ 2' ' '3' GBK' I 3@!' ' 'C' 4BE 2E ' B' A 2' ' '4'E' NF232FH2' GBK◊% 'EA' B' 2 ' 4@' E 2FFB1' BFG' B ' @2' KA12' 3@2' F2N 2A ' ⅈ/' # .8KE ''3O2A' I @2 @2F' 3@2' A A'EB 'KF12' @2' '33' 33 E3' B' O '@2F' ' @2F' 'EA ' BE' @2 F' F2 K3' ' NFBNB32' B' 4BC C ' @2' 4F C 2' @2F32 ' I @2E' 3@2' EHB KE 'F G' 2M4 ' C 2A ' ƒ CNB33 L 2 ' CNB33 $ 2'X '' 12F' 4BK A' EB ' AB' ∏ @B I ' CK4@' 233' '' A ' K1@ 2FX◊ @F2' 2E2A' 'E2 I ' I @' @2' BF KF2 ' 3@2' 'E3 I 2F2A' EB ' LK ' F' 3 E1' @2F' 2G23' B' 2' H2E ' 'EA' C BH E1' @2F' N3' E' NF' G2F ' 3@2' 3' A ' ƒ @' C G' * BA ' @BK' OEB I 23 ' ' @ 3' L2' FK2' X◊ @K3' A A' @2' KA12' BF42' FBC' 2' F 42' 'E' '332E ' B' '' A22A' ' ' I @ 4@' @2F' H2FG' E ' KF2' F2HB 2A!

?' K4 'E ' @ ' 3 2E2A' B' @2' NBN2' I @' @2' E2 I 3' @' ' 2' F 42' @ ' A' 4BET 2332A!' 2C 2E ' !' I ' 3' 32 P2A' I @' BE2' B ' @B32' 3' B ' 'E12F' B' I @ 4@' @2' I ' 3' 3KL 24 ' 'EA' 2M4 ' C 2A% / 2 ' @2C' ' ' L2' C C 2A ' 2 G' LBKEA' B' @2' ' 3' B ' I A' @BF323 ' 'EA' AF' 112A' @FBK1@' @2' 3 F22 3' KE ' 2 3' 2M E4 !◊ @2' @BFFBF' 2H E42A' LG' ' ' 4 '3323' ' ' @ 3' 32E 2E42' EAK42A' @ C' B' 1F' E ' ''F23N 2' B ' I 2E G" H2' A ' G3 ' @2' 2EA' B ' I @ 4@' '' F ' ' BBO' N '42 ' 'EA' @2' 'AHB4 ' 2' 'F E ' 44 ' LB A G' N 2 ' A2A' @2' A2 2E42' B ' @2' NF 3BE2F3!' K ' I @ 2' @2 F' ' 2' I '3' @ ' E1 E1' E' @2' L ' 'E42 ' @2' 'F4@23 '' 'E '" FB42' I '3' CKFA2F2A' LG' @2F' B I E' 3BE ' I @ 4@' 4 'K32A' 2C 2E ' B' BFA2F' @2' C C 2A ' 2' 2M24K BE' B ' @2' I @B 2' 2E4 ' 'C G ' 'EA' @2' 2E F2 ' 23' B ' @2 F' F 2EA3' BE G' EAK42A' @ C' B' 3N 'F2' @2' 2' B ' 2FE 'FAB ' I @' @2' @BFF L 2' NFBH 3B' @ ' ' @2' I ' 3' B' F2C ' E' KNBE' @2' 34 ' B A' 'EA' I E233' @2' 2M24K BE' B '@ 3' F2 ' BE3!

?' !' !' !' !') KF E1' @2' 2' F K ' 'EA' NFB F' 4 2A' F' E3 ' B' @2' 34' B A ' I '3' @2' 4K3 BC 'B ' @2' 3' 2 23' B ' @2' 'SK 3 BE ' ' ' F21K 'F' E 2FH ' 3 ' B' 2' F' FBC' @2' LBAG' N 2423' B ' 23@' I @' @2' 2A' N E42F3 ' LK ' E' @ 3' E3 'E42' @2' NBN2' A 3N2E32A' I @' @ 3' BF KF2 ' LK ' BFA2F2A' @ ' ' * '4BC B' 3@BK A' L2' L2 ' 2E' B' A2 ' @' 'EA' @2E' SK ' F 2F2A!' 3' @2' NFBT 4233 BE' N '332A' @2' N 'PP'' B ' @2' (' 'PPB' 2E4 ' * '4BC B ' I @B' @ 'A' 'NN2 'F2A' F23 1E2A ' L24 ' C 2' AF2 ' A K G' '1 ' 2A ' ' EA' K 2F2A' @2 ' F F2EA E1' 4F 23' B ' ƒ G' 4@ AF2E' ' C G' 4@ AF2E' ◊ @2' N2BN 2' 3@BK 2A ' ƒ) B13 ' 1 H2' @ C' @ 3' 4@ AF2E' '◊ @2' NFB4233 BE' I '3' NFB422A E1 ' I @2E' @2

C K KA2' '33K C 2A' 3K4 '' '' @F2' 2E E1' '3N24 ' @' ' I B' B ' @2' BC"' N'1E '' A2 ' BE BF ' ' @BK1@ ' @2C 32 H23' 'K @BF 32A' B' N'K32 ' @2' KE@'NNG' C 'E' C N BF E1' @2C' E' '442E 3' B ' A23N' F ' B' 3K 2F' @ C' BE42' C BF2' B' L2@B A' @ 3' 4@ AF2E!' @2' 4FB I A' L24' C 2' N' 4 2A' BE' 322 E1' * '4B C B' A2342EA' FBC' @2' 4 'F ' 'EA' 4BEAK4 2A' B' @2' H23 LK 2' B ' @ 3' N' '42 ' I @2F2' @2G' LFBK1@ ' B' @ C' @ 3' 4@ AF2E' 'EA' @ 3' I 2!' @2' ' 2F' ' E 2A' BE' @2' '3 '3 2N!

?' @2' 342E2' @' ' B B I 2A' I '3' @2' C B3 '' 24 E1' 'EA' N' E K ' @' @2' C '1 E ' BE' 4 'E' N 4 KF2!' 3' @F22' 4@ AF2E' 4 KE1' 'FBKEA' @ 3' 213 ' K 2F E1.' 4F 23' @' ' F2E ' @2' @2' F 3' B ' ' ' NF232E !' @2' KE@'NNG' C 'E' 2C LF' 42A' @2C ' 2 E1' @2C' @' ' E' 2FE' FAB' @2G' I BK A' EA' '' ' @2F @2E ' M E1' @ 3' 2G23' BE' @ 3' KE4BE34 BK3' I 2' @2 3' A' / 2 ' K3' 1 B X' 2 ' 342EA E1' @2' 4 'F ' @2' NFB4233 BE' 3 BNN2A' L2 BF2' @2' NF 3BE' B ' @2' BF 2' 'H2 '!

?' 2F2' 2 ' F 42' 'EA' K4F2P '' 'NN2 'F2A' L2 BF2' @2' 1 ' 23 ' 4BEAK4 2A' LG' @2' BE BF ' !' @2G' OE2 ' AB I E' 'EA' NF' G2A' BF' 3B C 2' C 2' L2 BF2' @2' 4FK4 !M' 'EA' @2E' I ' O2A' BE' BB ' L2@ EA' @2' 4 'FF '12!' K4F2P '' I BF2' '' FBL2' B ' L '4O ' 'EA' '' BE1' L '4O' H2 ' 4BH2F2A' @2F' @2 'A' 'EA' 3@BK A2F3@' 2' F 42' E' '' A 'FO' FBL2' 'EA' H2 ' '' @ 'EA O2F4@ 2 ' B '4 B @' B ' 3 H2F' BE' @2F' @2 'A ' 'EA' 3 NN2F3' B ' I @ 2' H2 H2 ' BFE ' C 2E 2A' I @' 4F C 3BE' 3 'EA ' 3' 'EA' FB32 23 ' B B I 2A!' f' f' f' I 42' AKF E1' @2 N '33 '12 ' 'E ' 2C N ' I '3' C 'A2' B' F234K2' 2 ' F 42 ' LK ' 2 '4@ ' 2A ' 'EA' 3@2' F2 '4@2A' @2' 4@ 'N2 ' I @2F2' ' ' @2' 4BEA2 C E2A' I 2F2' B' F242 H2' F @2' L 233 E1' B ' @2' '4F ' C 2E ' L2 BF2' 2M24K BE D

?' @2' eF3 ' LFBK1@ ' BK ' B' '342EA' @2' 34' B A' I '3' 2FE' FAB ' I @B ' '44BFA E1' B' @2' 4BEA BE3' B ' @ 3' F2NF 2H2 ' I '3' B' I E233' @2' A2 ' @' B ' @ 3' F2 ' H23!"' @2' NBBF' LBG ' L2 BF2' @2' @ ' A' F2 '4@2A' @2' 3K C C ' 2 ' AB I E' N' ''3 I BBE ' 'EA' I '3' BL 12A' B' L2' 3KNNBF 2A' B' @ 3' 32 ' 'B ' BF KF2!' (F242A2A' LG' @2' 3 'EA' FA' 'EA' @2' LF2 @F2E' B ' @2' 32F 4BFA ' ' @2' 2M24K BE2F' E2M ' 2E 2F2A' @2' 4@ 'N2 ' B' 4BEH2G' K4F2P '!' EA E1' @2F' @ 'EA3' L2@ EA' @2F' L '4O ' 'EA' F2C BH E1' @2' H2 ' @' ' 4BH2F2A' @2F' @2 'A' 'EA' 3@BK A2F3 ' @2' 2A' @2F' B' @2' BB 'B ' @2' 34' B A!' 2F2' 3@2' 3 BNN2A' NF' G2A ' A2HBK G' O 332A' @2' 4F+4 M ' 'EA' 'O E1' B ' @2F' 3@B23 ' C BKE 2A' @2' 'AA2F' L' F2 BB !' FBC ' 4BE K3 BE' 'EA' 2FFBF ' 3@2' I @' A 4K G' '342EA2A ' 4FG E1' BK ' /' @ ' C G' * BA X' B@ ' @B G' LF2 @F2E ' NF' G' B ' C G' 3BK ' B@ ' * BA ' N' FABE' C 2 X' @2' NF E4 N ' ' 2M24K BE2F' L24OBE2A' B' @2F' B' N '42' @2F32 ' BE' @2' L B4O' \' @2' KE@'NNG' I BC 'E ' FBC' @2F' KE I 2 AG' 1KF2 ' L2 E1' KE ' L 2' B' AB"3B ' 3BC 2' H B 2E42' I '3' K32A ' @2' 2M24K BE2F' F ' 32A' @ 3' 'M2 ' 'EA' @' BE2' 3 FBO2' 32H2F2A' @2' @2 'A' FBC' @2' LBA G X' ' 4@ E1' ' LG' @2' @ ' F ' @2' 2MNB32A' ' 3 ' SK H2F E1 ' B

@2' 1'P2'B ' @2' NBNK '42'▯ @2E' I F'NN E1' ' E' @2'H2 '@2' ' A' 'BE' '' L 2F' E' @2' 4BFE2F' B ' @2' 34' B A ' @2' LBAG' ' E1' E B' ''4B E'N '42A' KEA2FE2' @!' @2'H B 2E42' K32A' B I 'FA3' @2' 3K 2F2F' @ 'A' 3B' 2M4 2A' @2' CK KA2' @' ' '' KE H2F3' ' KNFB'F' 4BC C 2E42A!' BF G' GBKE1' C2E' FK3@2A' BF I 'FA' B' @2' 4@'N2 ' B' F234K2' 2' F 42' LK ' I 2F2' '1' E' A2 2' 2A' ' 2F' ''3@BF ' 3 FK11 2!' !' !' !

? 2'E I @ 2' 2' F 42' OE22 E1' E' @2' 4@'N2 ' 'L3BFL2A' E' NF'G2F' @22A2A' EB ' @2' KNFB'F' @' ' 3KFFBKEA2A'@2F!' @2'FB32 ' '3' @2' 3 'EA' FA' 'NN2'F2A' B' NF242A2'@2F' B' @2' L B4O ' 'EA' I @' 2'12FE233' A2C 'EA2A ' /' 3' C G' CB @2F' @2E' F2 ' G' A2 ' A' R▯% E3 I 2F2A' E' @2' ' FC ' H2 ' 3@2' NF' G2A' I @' 2FHBKF▯' @2E' F ' 3 E1' @2F' HB 42 ' 3@2' 3 ' A ' /' BFA ' @BK' @ ' 3 ' 4 ' 2A' C 2 ' 'EA' ' BL2G' @2' 3KC C BE3' I E1 G ' '3' ' @BN2' BF' C 2F4G X▯' NT NFB ' 4@ E1' @2F' LFB @2F ' 3@2' L ' A2 ' @ C ' 'F2 I 2 ' ' A' I @' ''3C 2' B ' BH2 ' 3 ' A ' /' * F 2H2' EB ' BF' C 2!' 2' 3@' ' L2' @ ' NNG' E' @2' H2E ' ' @ ' H2' BF1 H2E' @22!▯' * '4BC B' ' E 2A' ▯' @ 3' 3 3 2F ' KFE E1' FBKEA ' 3 ' A ' /' 2 ' K3' NFB422A X▯' @2' 2M24K BE2F' 'NN2 ' F2A' I @' '' 4BFA ' LK ' 322C 2A' ' F ' A' B' '3 2E' 'FBKEA' @2F' LBAG!' @2' 3 ' I ' @ 3 ' 'EA' I @' ''3 ' A' 3C 2' 3 ' A ' /' EA' @ 3' LBAG▯' LK ' @ ' 3 2E' B' F2 2 ' 32' @2' 3BK ' ▯@ 4@' N ' E 3' BF' C C BF ' G X▯

?' 4 ' F42 G' @ ' A' @2' H 4 C ' ' FF H2A' ' ' @2' BB ' B ' @2' 34' B A ' I @2E' @2' 3SK ' F2 ' 2A' I @' @ ' ' H ' 3 ' C K KA2' L2 BF2' 3B' KNFB ' F BK3 ' 3KAA2E G' ' 33KC 2A' @2' 3 2E42' B ' ' ' A232F !' '4@' BE2' L2E ' BF I 'FA' B' @2 ' F' @2F' 3N2 ' O▯' I @' 2H2FG' 2G2' F H2 2A' BE' @2F ' 'EA' N3' 'N ' F ' ' 322C 2A' '3' ' @2 F' H2FG' 2M 3 2E42' A2N2EA2A' BE' ' EG' I BFA3' 3@2' C 1 F ' K 2F!' 2' F 42' '342EA2A' @2' 3 ' F3' I @' ''3 B I ' LK ' FC ' 3 2N!' E' '' C BC 2E ' 3 2' N ' 42A' @2F32 'BE' @2' L B4O ' I @ 4@' @ ' A' 4 ' K32A' 3B' C K4@' 2 ' F' B' K4F2P ' !' @2' A A' EB ' ' B I ' @2' 2M24K BE2F' B' F2C BH2' @2' H2 ' LK ' ' A' ' @2F32 'KNBE' @2' 'L 2!' E' @ 3' AF2 ' A K ' 3 K ' BE' 3@2' F2C ' E2A' '' 2 I ' C EK 23 ' '' KE H2F3 ' ' 4FG' B '@BFFBF' 3 ' G E1' @2' 'FC ' B ' @2' 2M24K BE2F!' K ' 3BBE' @2' @2 ' A' B '@ 3' H 4 C ' I ' 3' @2 A' KN' 32N ' F ' 2A' FBC ' @2' FKEO ' I @ 4@' I ' 3' H B 2E G' ' 1 ' 2A' BF' '' 2 I ' 324BEA3!' @2' C 32F ' L 2' 2FE ' FAB' 2E4 ' BF42A' B' I E233' @2' ' 2' B ' @ 3"3 3 2F ' ' 1 ' E' 3 I BBE2A' ' I ' G' ▯' EBF' 4BK A' @2' L2' F23 BF2A' B' @ 3' 32E323' BF' C BF2' @ ' '@ ' ''E' @BKF!

?' 2' E I @ 2' @2' 34' B A' I ' 3' C ' A2' F2 ' AG' BF' @2' AF2 ' A K ' NKE 3@C 2E ' A23 E2A' BF' * '4BC B!' 'H E1' N2F BFC 2A' 3BC 2' F2 1 BK3' 42F2C BE 23 ' @2' 'NN2 ' F2A' AF2332A' E' ''4 B ' O' 'EA' 4 ' N!' KFE E1' B I ' FA3' @2' N2BN 2 ' @2' 3 ' A' E' ''4 2 ' F' HB 42 ' /' @BK1@' E' @2' ' 1BE 23' B ' BF KF2' ' '44K32A' C G' 3 3 2F' 'EA' LFB @2F' B '3@ ' F E1' E' @2' 4F C 2' BF' I @ 4@' ' 3K 2F' ' '44K32A' @2C' ' 32 G!' B I ' @' ' ' ' 'LBK ' B' F2EA2F' 'E' '44BKE ▯' B ' C G' '4 BE3' B' * BA ' ' 3B 2C E G' '332F ' @2 F' 2E F2' EEB42E42!' 'F2 I 2 ' C G' F 2EA3!' @ ' NF ' G' B' * BA' BF' C 2!▯

?' 'G E1' @232' I BFA3 ' @2' OE2 ' AB I E0' @2' 2M24K BE2F' LBKEA' @ 3' 213' B' @2' L B4O' 'EA' L 'EA' 12A' @ 3' 2G23!' B' N 'F 4K 'F 32' @2' A2 ' 3' B ' @ 3' 2M24K BE' I BK A' L2' BB' AF2 'A K 0' 3K 42' ' B' 3 'G ' @2' I '3' L2' 2E ' L2@2 'A2A ' 'EA' SK 'F 2F2A' E' @2' 3 1@ ' B ' @ ' ' H '3 ' CK KA2 ' 'EA' LG' @2' 3 A2' B ' '' LFB @2F ' I @B' I '3' 3NF EO 2A' I @' @ 3' L BBA!' ' I '3' EB I 6' BH2F!

! ! ' 2 'F' @2' 3 ' K2' B ' ! ('K ' '44BFA E1' B' 4K3 BC I 2F2' N '42A' @F22' L 2F3 ' 2 '4@' I @' BKF' 1@ 2A' BF4@23!' E' @232' I 62F2' ' A' @2' LBA 23' B ' @2' H 4 C3!' ' 4FB I E' B ' B I 2F3' @ 'A' L22E' N '42A' 'FBKEA' @2' @2 'A' B ' 2 ' F 42 ' I @B' 322C 2A' '3' @BK1@' E' 3 22N ' 3B' 4 ' C ' 3B' N2 '42 K ' I '3' @ ' ' '4 A' '42 ' I @ 2' ''3C 2' 3K4@' '3' 3@2' I BF2' E' 2' 3 '@BH2F2A' BE' @2F' N3!' 'EG' ' 2 'F' I '3' 3@2A' BH2F' @ ' 'L 2F ' C 'EG' '' B I 2F' I '3' 34 ' 2F2A' 'FBKEA' @2F ' I @B32' ' 2' ' ' CBKFE2A% I @B32' EEBT 42E42' EBE2' SK23 BE2A!

? E' @ ' ' E 1@ ' @2' LBA 23' I 2F2' E 2FF2A!' @2' 4BFN32' B ' 2' F 42 ' 4 'A' E' @2' AF233' 3@2' I BF2' BE' @2' 34 ' B A ' I '3' LBFE2' 4BH2F2A' I @' 1 'F 'EA3' B ' B I 2F3 ' B' @2' 4@KF4@' B ' 'E' (2 FB' E' BE BF B' 0' 'EA' LKF 2A' ' ' @2' BB ' B ' @2' @ 1@' ' 'F ' L2 BF2' ' '2 2(3' 42 2LF ' 2A' N 4 KF2' B ' @2' F 'E3 1KF' BE!J

2 F '4 E1' BKF' 3 2N3' B' @2' ('PP '' A2 '' * KA244 '' 'EA' KFE E1' 2 ' AB I E' '' E 'FFB I '' 2G ' I @ 4@' 3' ' I 'G3' LK3G' IA ' U2 I 3@' F' 4' I 2' F2 '4@' @2' ! 7447' $ # ' 7 07 %@ ' 3B' 4' 2A' FBC' @2+ BF B 323' I @ 4@' BFC' N 'F ' B ' @2' 'ABFEC2E 3' B ' 3' BH2 G' 2' BKE ' E % A23 1E2A' LG' * '4BCB' A2 '' (BF '' @2' BKF' 1KF23' B ' LBG3' L2 E1' LG' 'AA2B' 'EA E ! ' @ 3' NB E ' I 2' 2 'H2' @2' * @2 B!

BFC E1' BE2' 3 A2' B ' @2' ('PP '' A2 2' 'F 'FK1@2' @2' ! 7#744 ' 607%80 ' 42 2LF ' 2A' BF' 3' 3 M' 3N 2EA A' 42 E13' LG' 1F2 ' ' 'F 3 3 ' H P' 0% '

! " $;' 2F4K 23' I BKEA E1' @2' 2E 'KF' 233K3!

9!' 3!$ -% $; NB B' E' @ 3' 4 'F' C 2' A 34BH2F E1' FK @ ' & 4! CK4@' E KF2A!

7!' 61! - $;' $ "5 ' 'EA' 3 5 ' E' '' 4@ 'F B ' AF' I E' LG AF' 1BE3!'

:' @ 3' '44BKE ' 3' CK4@' 'LF A12A' BC' @2' E 2F23 E1' F 'E3 ' BE' E' @ 23 A2(3' / ' G' E' @2' E2 22E @' 2E KFGW' FBC' : 70 ' 0 ' 7007 ' 0 7' $ # # 'F5 ' 7 0707' $ 7#& ' ' 'E 4 ;

! << ' W ' ' "E" ' !9:

:!!' 75'$ 9 0 H UKEB'EKF3 E1' 2F4K 23' 2EK3''EA' KN A3!
\!' UK3 42''EA'(2'42!6
' 6 ! 7 $"H F BE'3'H2A'LG' @2'AB N@ E!' 0

6" E''4BFE2F B' @2'N 'PP'' 3''(-0) D7 Y7' 7 (@ 9'CK4@' 6 F2SK2E 2A'LG' E1 3@' 'A 23'LK'1F2''NB I 2F3' B 'L'F1' E E1' !'F2 4' 2A' BF! CB3' C C2A ' 2 G'L2@ EA' @ 3' 3' BE2' B ' @2'+EB3'N 4 KF23SK2' C2A 2H''4BKF G'FA3' E' 2' 4 G!

E' @2'3'C2' E2'' ' @2'2EA' B ' @2'3 F22 ' 3' @2'!7#744 ' 700 #'LK ' LG' 'F B' 'A2FEB' ; \ ' BF) KO2 3AF'L' ' ' 2 ' BE' @2'3 2'B ' @2' F4K3' B ' 'C E K3!' @2'3C' ' 4BKF G'FA' B ' @3'N' '42' 3' I2 ' I BF @'2M'C E E1' 'EA' 3' BE2' B ' @2'@'EA3BC23 ' E' BC2'L2 E1' SK 2' 2E4FK3 2A' '3' I2 ' '3' @2' 3 ' F4'32' I @' 'E4 2E' L'3"F2 2 3' LK3 3' 'EA' B @2F' 34K N KF23!' ' 4BE ' E2A' '' 1' 2FG' B ' N 4 KF23' @2' 1F2' 2F' N'F' B ' I @ 4@' @'H2' L22E' A 3N2F32A!' @2'FBBC3' @'H2' F23T 4B23' LG'! % ' 7 7 ' ! 0 ' 7' 0 007' & (@ ''EA' #I 7

2@ EA' @ 3' '4 E1' @2' '' A2 2' B 21@2' 34KF2' 3' @2' H'3' !7#744 ' 7 07 ' EB I' E@'L 2A' LG' @V' 2'FE2A') BE' 4@2" E12 B' '2 'E') KO2' B ' 2FCBE2 '' 'EA' (F E42' B ' 2'EB ' I@B32' 'C G' 3' BE2' B ' @2' CB3' A 3 E1K 3@2A' E' @2' C2A H'' @ 3 B G'B ' BC2'' EA' I @ 4@'1'H2' BE '42' !' B' @2' 4@KF4@' 0

?' B'NF E4 N2'A2(' EKBH' 'F 32 !J
&7 0 ' ' MMH !

' 4 ' C3' A2342E' FBC' E' B K3' 4F2' 2A' BKE ' B ' *' 2 ''LG' (BN2' *F21BFG' !' E' -7<!

B32' B' @2' (' 'PPB' ' 2' 3' @2' @8 @' ' 07' 70 (7'$'E8 7 'LK 'LG' * '4BCB' A2 '' (BF'' E' \;7' 'AT B E E1' '' 4BEH2E' B ' K1K3 E 'E' KE3!' @2'3 F22 3' E' @ 3' SK'F 2F 'F2' E 2F23 E1' '3' L2'F E1' I E233' E' @2 F' E'C23' B

!' '

@2' 2M 3 2E42' B ' @2' F4K3' 'C E K3 ' @2' 23N24 ' ' 4 F4K3' B ' @2' N 2L3 ' I @ 4@' BE42' B44KN 2A' ' ' @2' 1FBKEA' E2 'F' @ 3!' @2') 7' $ #D' : 0 %@ ' 6 8 ' 4BCC2CBF' 23' @2' A'FO' 3@BN3' I @ 4@' E' C2A '2H' ' C23' B44KN 2A' @2' B I 2F' N 'F ' B ' @2' 4 F4K3 ' '3' @2G' AB' EB I ' @' ' B ' @2' @2' F2' B ' 'F'" 42 K3!' @2' '' A2 ' KE'F ' @2' FBN2C 'O2F3' I@B' BBO' 'AT H'E '12' BF' @2 F' I BFO' B ' @2' 1@ ' 'EA' BN2E' 3N'42' I 4@' @2' E 2F BF' B ' @2' A232F 2A' 4 F4K3' ' BFA2A!' @2' F2C ' E3' B ' @2' 4 F4K3' 2M 3 2A' B' @2' 3 M 22E @' 42E KFG!

2 'F' @ 3 ' KFE E1' F 1@ ' 3' @2' ! 7447' $ ' 7 90 #"' ' I @ 4@' 4BE ' E3' @2' @8 @' ' ' 7 7' ' 7 90 ## ' LK A' LG' E' A ' BF' 2M'EA2F' !' E' ;\8 ' KNBE' @2' 3 2' B ' 'E' BF' BFG' 2F24 2A' LG' 'I' * ' '' E' @2' C2' B ' UB@E' ! ! \97"; ' E' @BEBKF' B ' 'E' C '12' B ' @2' F1 E ' I @ 4@' BE2' A 'G' C F'4K BK3 G' 'NN2'F2A' CN BF E1' @2F' 4@'F G ' E' 4BCN'EG' I @' @2' I 2 H2' NBBF' I BC2E' B' I @BC' 3@2' I '3' A' G' E' @2' @'L ' B ' 1 H E1' ' C3!' @2' BF' BFG' B ' '!' * ' '' I '3' 4' 2A' '!' 'F '' E' (BF 4B ' FBC' @2' E2 1@LBKF E1' NBF 4B' B ' 4 'H ' '' '' E' C2' I @ 4@' 3' 3BC2 C23' 'NN 2A' B' @2' NF232E ' 4@KF4@!' @2' C F'4K BK3' C2EA 4'E ' C '12' 3' EB I ' 2E3@F E2A' E' 1B A' 'EA' 'N 3" 'PK ' BH2F' @2' @ 1@' ' 'F!' @2F' F2 43' 3KNNB32A' B' L2' NF232FH2A' @2F2' 'F2' @2' LBA 23' B ' '!' GF 4' ' '!' 4 BF ' '' 'EA' '!' E42EP' '' 'EA' @' ' @' 'B ' '!' 'FL'F'X @2' 324BEA' 4@'N2 ' BE' @2' F 1@ ' @'3' '' N 4 KF2' B ' @2') 2342E ' B ' @2' B G' * @B3 ' LG' 8 7' G $7 /' E6 @2' F3 ' 4 'N2 ' BE! @2' 2 ' 3' @2' BCL' B ' 0F E42' 2F ' E34F L2A' ?' $ C LF' J' 'EA' @' ' B ' @ 3' I 2') BEE' ' 'KF' ' A ' 'FN21E' ' E34F L2A' ? @ DJ' @2G' F23 ' BE' BE3' B ' FB33B"'E 4B!' E' @2' F 1@ ' F'E32N ' 3' @2' BCL' LG' ! 00 @' B ' 'FA E' ' ('44' ' I @B' H2A' E' @2' (' 'PPB' ('B4' ' BE' @2' BNNB3 2' 3 A2' B ' @2' 3SK'F2 ' 'EA' I '3' @2' ' @ K ' F 2EA' B ' (K3' !' E' @ 3' 2M 2!

@2' L'3"F2 2 ' BE' @2' BCL ' B ' !' (2 2F' A2 H2F2A' LG' @2' 'E12 ' 3' E' ' K3 BE' B' @2' A2 H2F'E42' FBC' @2' F2E4@' 4'N H G!

@2' E'C2' 'CN 2 ' 3' NFBL'L G' A2F H2A' FBC' 'CNK3"' 2 'L24'K32' E' @ 3' E2 1@LBKF@BBA' 322' @!' 5 ! ' I '3' @2' B KCE"' 2 4' ' FBC' I @ 4@' I @2E' I 'F' I '3' A24 'F2A' "' A'F ' I 'R' @FB I E' E B' "' N B ' B ' 1FBKEA ' F2NF232E E1' @2' @B3 2' 2FF BFG % N2F@'N3' @2' H2FG' 3 2' B ' @ 3' 4@KF4@!

E' @2' 3 F22 ' L2@ EA' @ 3' 2'A E1' E B' @2' "' A ' F"' B2 ' 'F2' @2' F2C ' E3' B ' @2' 'E4 2E ' ! 7#744 ' 7 %7 7 ' I @' "' H2FG' F 4@ G"34K N KF2A' 1' 2 I 'G' B '4' F7\B!

N2E E1' FBC' @2E42' KNBE' @2' 2 ' 3' @2') 7' ' $ ' 9 @ ' I @B32' E'C2' 4BCC2CBF' 23' @2' 212EA' B ' F1 ' '3' "' E24FBC 'E42F ' 'EA' B ' @ 3' C '1 4' B I 2F' E2A' I @' C FFBF3 ' E' I @ 4@' ' ' @2' 324F2 3' B ' @2' 4 G' I 2F2' F2 24 2A' 'EA' LFBK1@ ' B' 1@ !6

2F2' 3' @2' 'CBK3' 5 0' ' 0@ ' ' $ ' 9 @ ' BKEA2A' LG' '!' F'E4234"' BC'E' ' 'EA' BN2E' B' @2' NKL 4' AKF E1' @2' B4 'H2' B ' @2' 'EE H2F3'FG' B ' @ ' A2' @' B B I E1' @2' 8 @' B ' 'F4@ !' ' @ 3' C2' @2' N'H2C2E 3' 'F2' 3 F2 I E' I @' LBM' @2' @' 3' 'EA' 1' 2F 23' 'F2' LF 1@ ' I @' F23@' B I 2F3 ' 'EA' I 33' 1K'FA3' 'F2' NB3 2A' ' ' @2' A 2F2E ' KFE E13 ' B' '4 ' 2' @2' 4 F4K ' BE' B ' H 3 BF3!' ' 3' "' L2'K K ' 3N24 C2E' B ' "' BC 'E' 4BEH2E !' @2' F3 ' @ ' ' 3' N' E 2A' I @' 'E4 2E ' F234B23 ' F2NF232E E1' 342E23' E' @2' 2' B ' @2' 3' E !' 2F2 ' BE' "' 'L 2 ' 3' @2' 'F12' LB I ' E' I @ 4@' '!' F'E4234"' NF2N'F2A' B E C2E ' BF' @2' NBBF!' @2F' F2 43' 'F2' @2F' H2 ' 3@B23 ' &4!' ('33 E1' "' EKCL2F' B ' BN2E' 4 B 3 2F3' 4@22F K ' I @' B I 2F3' 'EA' BF'E12" F223 ' I 2' F2'4@' @2' 4@'N2 ' I @2F2' 32FCBF 2' BF' F' @2F' 24 KF23' 'F2' A2T H2F2A' ' ' @2' 'EE H2F3'FG' KNBE' @2' 3 BFG' B ' '!' F'E4234'(3

7 ' ' /

2 ' 'EA' I @2F2' @2F' 2CL ' C2A' LBAG' C 'G' L2' 322E' L2E2 ' X' @2' ' 'F!' @2' N 4 KF23SK2' AF233' B ' @2' L ' 2' 3 3 2F3' I @B' 'F2' 2H2FG3H@2F2' H 3 L 2 ' 'AA3' B' @2' E 2F23 ' B ' @2' 342E2!

?' ' 3'EB'1 BBC G' 'LBA2 ' @2' BEH2E 'B ' @2' BF'A ' N242@ ' 2H2E' E' @2' 2G23' B ' @B32' I @B' 4 'EEB 'KEA2F3 'EA' @2'@ 'NN E233' B ' '' EKE!' ' 3' 3K4@' ' N '42' ' 3' BE2' BH23' B' 322' 4@ AF2E' E' I @2F2' F2 1 BE' 3' 4BC L E2A' I @' 2H2FG @ E1' @' ' N 2 ' 323' @2' 2G2' 'EA' F24F2 ' 23' @2' C EA!' @2' L2 'K K ' 4@ 'N2 I' @2' 1 'FA2E' I @' 3' C '1E 42E ' BF' E12" F223' I @2' BN2E' 1 ' 2F 23 ' I @' @2 F' 'E4 K ' A24BF' BE3' 'EA' 342E 4' F2423323 ' I @2F2' ' '@B G' N 4 KF2' BF' 1KF2' 'O23' GBK' L G' 3KFNF 32 ' 'EA' C 22 3' GBK' ' ' 2H2FG' KFE' I' @2' 1@ ' ' FG' FBBC 3' I @2F2' F2 1 BK3' NF E 3' 'EA' BFE ' C 2E 3 ' I @' B I 2F3 ' L FA3 ' 'EA' E12E BK3' BG3 ' 23 G' @ ' ' EEB42E '2E BGC 2E 3' 'F2' 2E4BKF ' 12A' 'EA' 3C 2A' KNBE' I' @ 2' FBC ' 2H2 G' I EAB I ' C 'G' L2' 4 'K1@ ' '' 1 C N32' B ' @2' 2FE' ' G ' '' 3N F2 ' '' FK E2A' I ' % 3BC 2 @ E1' @' ' 3N2 ' O3' B ' BC 2' 'EA' 3' @BK3 'EA' 4@ 'FC 3

?' ' I ' 3' BE' @2' 9 3 ' B ' 'F4@ ' @2' 23 H' ' B ' !' 2E2A 4 ' @' ' F' E4234 '' @2F32 '2E 2F2A' @2' 4BEH2E ' EB ' '3' @2' BKEAF233 ' LK ' '3' '' @KCL 2' 3KNN 'E ' BF' 'AC 33 BE!' ' @2' BB ' B ' @2' 3 ' F3 ' @ ' H E1' 'O2E' B '@2F' 4K3 BC 'FG' L '4O' 1B I E ' @2F' H2 ' 'EA' @2F' 3@B23 ' 'EA' N '42A' '' 4BFA' 'FBKEA' @2F' E24O ' 3@2' OE2 'AB I E ' O 332A' @2' 1FBKEA ' 'EA ' 3@2AA E1' 'E' 'LKEA 'E42' B ' 2 'F3 ' C 'A2' @2F' 12E2F' ' 4BE 233 BE' ' BKA' E' @2' NF232E42' B '' ' @2' L ' 23' I 3@2' A234F L2A' @2F32 ' '3' '' C 32F ' L 2' 3 EE2F ' '' 1F 2HBK3' B 2EA2F' F 1' E3 ' RBA ' 'EA' ' 3O2A' N2FC 33 BE' B' A I 2 ' ' C BE13 ' @2C' '3' @2' C 2' E23 ' B ' @2 F' 32FH' E 3I' 'EA' B' 2 'FE' FBC ' @2C' B' ' C 2EA' @2F' 2 ' 'EA' 2E 2F' KNBE' '' @B 2F' 4BKF32!' @2' 3N F K' ' A' K1@ 2F3' B ' F' ET 4234 '' @' 3 2E2A' B' F' 32' 'EA' 2CLF' 42' @2F' I' 'EA' 4 B @ E1' @2F' I @' @2 F' @' L ' @2G' 2A' @2' I ' G' B' @2' 4@ ' N2 ' I @2F2' @2G' ' 'F2 KFE2A' @' EO3' B' * BA!' @ 2' 3@2' F2C ' E2A' @2F2' E' NF' G2F ' 1E232' A2' 2 3 ' @2' 3KN2F BF233 ' ' 332C L 2A' @2' 3 3 2F3' E' @2' 4@ ' N 2F" FBBC ' 'EA' A24 'F2A' B' @2C ' @' ' EB I ' @2 F' FK2' CB @2F' 'EA' BKEAF233' @ ' A' 4BC 2' ' C BE13 ' @2C ' ' I BK A' L2' 'L3KFA' BF' U 2F' B' F2C ' E' E' @2F' NF232E ' B 42' I' @' ' F' E4234 '' I ' 3' @2 F' 1K A2 ' @2 F' @2 ' A ' 'EA' @' ' E B' @2F' @ ' EA3' 3@2' 3@BK A' E3 ' E G' F23 1E' @2F' ' K @BF G!' @2G' ' ' 'NN ' KA2A' @2F' A24 3 BE ' 'EA' 1 ' @2F E1' 'FBKEA' @2' ' E ' 'EEBKE42A' B' @2F' @2 F' I 3@23!' 3' I ' 3' B' L2' 2MN24 2A ' F' E4234 '' 3 F2EKBK3 G' F2 K32A' B' '442A2' B' @ 3' NFBT NB3 ' ' 'EA' N 2 ' A2A' @2F' E' L G' BF' @2' AK 23' B ' '' 3KN2F BF233!' @2' L ' 23' @ ' A' F24BKF32' B') BE' * 2H' EE ' @2' 4BE 233BF' B ' F' E4234 ' ' I @B' L21' E' LG' 2E F2' E1 ' 'EA' E' G' 4BC C 'EA2A' @2F' '412N 'E42' B ' @2' 4@ 'F12!' 3' BFA2F' 3@2' E2H2F' F23 3 2A I' 'EA' '44BFA E1 G ' BE' @2' 9 \ @' B '

=' +

9 / ')' /' ' / ⁸ / ' 9:\

'F4 ' 3@2' I '3' AK G' 2 24 2A' B' @' 'B 42!J% 5 ' 6! $# ')1"'! # $' ,!' ,' # ') $-! - ' 3 ##

?' '!' F'E4234'' BC 'E'' 3' F2NF232E 2A' E' @2' AF233' B ' '' 2E2A 4 E2' EKE' ''L '4O' FBL2' 'EA' '' I @ 2' @BBA' BF' H 2 ⁰' 'EA' @2F' NFBN2F' ' F LK 2' 3' 'E' 'E12 ' I @B' @B A3' E' @ 3' @'EA' @2' LBBO' B ' @2' 42' B ' @2' F1 E ' BN2E' ' ' @2' I BFA3 ' / !$1 #' 3 $1 3' 5!C#! 3' @! 3.' !# $' * "1$# #!' 1 ' 5!51C #' 3!.' !# -1 3' &" ' 1 -!, #' 3!'⁸ (3!' MM !' 97 ' 9 : ⁰' I @ 4@' ' F LK 2' 3' A2F H2A' FBC' 'E' E4 A2E ' @K3' E 'FF' 2A' E' @2' '4 3' B ' @2 '4' EBE 3' BE!' @BK1@' KE I 2 'F 2A' E' @2F' A2HB BE3 ' G2 ' ' AKF E1' @2F' NF' G2F3 ' 3@2' I '3' 4 ' 2A' ' I 'G' LG' @2F' @K3L 'EA' BE' 'EG' ABC 23 4' AK G ' 3@2' I BK A' 4 B32' @2F' LBBO ' 3 'G E1' @' ' /' '' I 2' 'EA' '' C B @2F ' I @2E' 4 ' 2A' KNBE ' CK3 ' SK ' @2F' * BA' ' ' @2' ' 'F ' 'EA' EA' @ C' E' @2F' @BK32@B A' ' ' F3!⁽' B I ' '@'NN2E2A' BE42 ' @' ' E' F24 E1' @2' 42' B ' KF' 'AG ' 3@2' I '3' 4 ' 2A' ' I 'G' BKF' C23' K3 ' '3' 3@2' I '3' L21 EE E1' @2' 3' C2' H2F32 ' 'EA ' F2 KFE E1' @2' @' C2 ' 3@2' BKEA' @' ' H2F32' I F 2E' KNBE' @2' N ' 12' E' 2 2F3' B '1B A2E' 1@ ' LG' @2' @ ' EA' B '@2F' 1K ' FA 'E' 'E12 !' J% 4 3! $⁸' - !5' #.' N!' \ !

CB3 ' BNNB3 2' @2' 4BEH2E ' 3' @2' '' A2 ' BE 2' 'F'' N2 B ' '' E ' FFB I ' ' 2G ' 2 'A E1' KN' B' @2' BB ' B ' @2' 'FN2 'E' FB4O ' L2E2' @' @2' (' 'PPB' ' 'F2 ' 'EA' BE2' B ' @2' NB E 3' ' ' I @ 4@' @2' FB4O' 3' L23 ' 322E!' @ 3' 3NB ' 3' L2 2H2A' B' @ 'H2' L22E' @2' 3 2' B ' @2' @BK32' B ' NK K3' '2 K3 ' I @B' F 2A' B' E1F' ' 2' @ C32 ' I @' @2' N2BN 2 ' LG' G E1' KN' 4BC' 'EA' A 3 F LK E1' ' E' '' G2 'F' B ' 34 'F4 G' % ' : : < ' LK ' I @B' I '3' E' 4BE32SK2E42' NK ' B' A2 ' @' LG' @2' N ' F 4 'E3!' 3' @BK32' I '3' F 'P2A' B' @2' 1FBKEA ' 'EA' 3' 3 2' L2 E1' ' I 'G3' 02N ' H '4 'E ' I 2E ' LG' @2' E ' C2' B ' SK C32 KC!

HG ' H!' ;!' ' MMMH !' 9,!

E I 'FA3 ' 'EA' @2' @2 2F' GBO2A' B' @2' E2 'F3 A2 ' B' 3 1E G' @' ' 3 F2E1 @' 'EA' 4BKF '12' I 2F2' F2SK F2A' I @BK ' BL2A 2E42' 'EA' 2F G' I @ E' @2' 4 G!' ! ! ! @2' B4 ' G' @K3' 2E4 B32A' I '3' F232FH2A' BF' @2' 2CN 23' B ' @2' 1BA3' 'EA' @2' F23 A2E42' B ' @2' C E1' 4 '33 ' @2' 4 '33' B ' N ' F 4 'E3' BF' LKF1@2F3 ' '3' 2LK@F' @ '3' 'K1@ ' K3' B' 2E 2' @2C ' I @ 4@' NF2ABC E ' 2A' BH2F' @2' A 'N2EA2E ' 4BC CBE3 ' 'EA' BE G' 3K 2F2A' @2C ' B' 4FBK4@' BF' 324KF G' KEA2F' @2' I ' 3' B ' BCK K3!' @2' (' ' E2' I '3' E2H2F' B44KN 2A' LG' @2' N 2L3!' E' @2' '3 ' '12' B ' @2' F2NKL 4 ' BE1' ' 2F' @2' F2C BH ' ' B ' @ 3' N 'F BE ' BF' B ' @2' 4 H ' A 3T E4 BE' L2 I 22E' @2' 1F2 ' ' 4 '3323' B ' @2' 3 ' 2 ' @2F2' I '3' 3 ' @2' 4@B32E' 3 2' B ' @2' C 'E3 BE3' B ' @2' @ 1@23 ' EBL G!QQ

E' @2' C2' B ' @2' 2'F G' 0 E13' @2' G' B ' BC2' I '3' F2NF232E 2A' LG' @2' (' ' E2' BE G!' ' I '3' ' ' F3 ' A H A2A' E B' IB' N'F 3 ' BE2' E@'L 2A ' 'EA' @2' B @2F' 4' 2A' 2 ' ' 'EA' 2 ' BF' @2' 1F'P E1' B ' 4' 2!' ' @ 'A' I B' 1' 23 ' @2' (BF '' BC 'E '' B' @2' EBF @ ' 'EA' @2' (BF '' K1BE '% 3B' 4' 2A' FBC' @2' B I E1' B ' @2' 4' 2% B' @2' 3BK @ ' BE' @2' 3 A2' B ' @2' 2 '!'

K1K3 K3' I '3' LBC' BE' @2' (' ' E2 ' 'EA' A I 2 ' @2F2' E' 4BC CBE' I @' B @2F' N ' F 4 'E' 4 P2E3' E' @ 3' GBK @!' 2F' @2' L24 ' C2' 2CN2FBF' @2' 3 ' H2A' @2F2 ' LK ' 3 CN G ' 'EA' E' @2' @BK32' B ' BF 2E3 K3 ' ' BE' 3' A23 FK4 BE' LG' F2 ' @2' N2BN 2' B ' BC2' E3 3 2A' KNBE' LK A E1' @ C' '' N ' '42' CBF2' I BF @G' B ' @2 F' FK 2F!' @ 3' LK A E1' I '3' @2' BKEA ' BE"3 BE2' B ' ?' @2' (' '42' B ' @2' 323 'F3 J' I @ 4@' E' F C2' BH2FF 'E' @2' I @B 2' @ ' 'EA' KEA2F' 2FB ' I B' B ' @2' E2 1@LBKF E1' @ 3' L23 A23 ' EA' I @B32' FK E3' 'F2' A ' G' L2 E1' A 3 E 2FF2A' 'EA' F24B1E 32A ' @BK1@' CK4@ 4BE K3 BE' 3 ' F2C ' E3' F21 'FA E1' @2 F' F23N24 H2' 3 23!' E' !)!' ; ;7 ' N 'F ' B ' @ 'N ' '42' F2C ' E2A ' 3K 4 2E G

9:, ‘ ⁸ /

N2F 24‘ B‘ L2‘ E@'L 2A‘ LG‘ @2‘ CN2FBF‘ BE3 'E3‘ 'EA‘ 3‘ N 'E‘ 3‘L2 2H2A‘ B‘ @'H2‘L22E‘2E F2‘ BF‘ '‘ 42E KFG‘ ' 2F‘ LK‘ ‘E2H2F‘F2' G‘F24BH2F2A‘ 3‘3'4O‘ LG‘ *2E32F 4‘ E‘ &‘ :\\‘ E‘ I@ 4@‘ ‘I'3‘4BCN 2 2 G‘1K 2A‘2H2E‘B‘ @2‘ 4BCCBE23‘ KFT E KF2‘D 'EA‘ '3‘G2'F3‘ N'332A‘ BE‘ ‘L24'C2‘ CL2AA2A‘ E‘ @2‘ 3B ‘ I@ 4@‘ @'3‘ 3B‘ C'FH2 BK3 G‘2E3@FBKA2A‘ ' ‘ @2‘ 'E4 2E‘ LK A E13‘B‘ BC2‘3B‘ @'‘ ‘I @E‘ @2‘ '3‘ 2E‘G2'F3‘B G‘ '‘ 2I‘LFBO2E‘E'C2 233‘I' 3‘ I2F2‘H 3 L 2‘ 'LBH2‘1FBKEA!

?' GNF233' 'EA' HG' I 22A' 'EA' I' B I 2F' 1 "B I E'
' 2A' 'EA' C '33⇩A' B12 @2F' @ B4O3'@2'N⇩A'
E' I @' ' I 2F2' 4@' C L2F3' 'F4@' 4FK3@⇩A' 4B K C E3' 3 FB I E'
E' F'1C 2E 3' 4@BO2A"KN' H'K 3' 'EA' F234B23' 3 22N⇩A'
E' 3KL 2FF' E2'E' A' C N3' I @2F2' @2' B I 'N22N⇩A!
) 22C E1' 'C AE 1@ 0% 2C N 23' L' @3' BF'@' 3' R
(FBEBKE42' I @B' 4' E'D BF' ' ' @' ' 2'FE E1' F2' N⇩A'
FB C' @2F' F232' F4@' @' 3' L22E' @' ' @232' 'F2' I ' 3!%
2@B A' @2' C N2F ' ' BKE ' X⇩ 3' @K3' @2' C 1@ G' ' 3!J
$.‘ %"5!‘ "5

B I‘A 2F2E‘ 3‘ @ 3‘A234F N BE‘ B‘ @'‘B‘ 'KA 'E‘ A2‘ 2M B‘ BE3K ' !‘ BEBF !

@2' ('X' E2 ' NFBKA' BC 2⇩3' C N2F ' '32'
E' ' I K 'N 2 '3 'EA3' H2E2F'L G'1F2' 0
@ @2F' @2'O E1ABC 3' 'EA' @2'E' BE3' 4BC 2!
E' 3KNN 4' E1' 4FB I A3' B' 2'FE' @2 F' ABBC' 0
B') 2 N@ ' 233' @⇩ 2ESK F E1' I BF A3' F2N' F!
BF' AB23' ' '1F2' 2F' 1BA' E@'L ' @2F2' 0
@ 3' 3KF2' @2' NBC NBK3' C 'E3 BE' I '3' A23 1E⇩A'
B' N 2'32' @2' C 1@ G' FK 2F3' B 'C 'EO EA' D
E 2F BF' 2C N 23' F 31' BE' 2 @2F'@'EA!
EA' BE' @2' LBFA2F3' B ' @2' N' '42' 3 'EA
@ 2' B⇩2F' @2' F23 '@2F' @2 'A' 3@2' NFBKA G' F2' F3!
EA' BA1⇩A' 'C A3 '@2F' 1K 'FA 'E' 1BA3' 'NN2 'F3!J
55 $7‘ $" # $

2F‘ @2‘ C AA 2‘B‘ @2‘ M 22E @‘ 42E KFG‘ '‘ 1F2' ‘ N'F‘B‘ @2‘ (' ' E2‘ L24'C2‘ @2‘ NFBN2F G‘B‘ @2‘ 'FE232‘ 'C G

' 2F G F2NF232E 2A LG @2 2'NB 'E BKFLBE3 I@B 3B A @2 ? F 'FE23 'E J E , ; B @2 CN2FBF 'NB 2BE ! BF D B BBB! $ N B @' C2 @ 3 N'F B @2 (' ' E2 I '3 ' H'3 O 4@2E"1'FA2E LFBO2E @2F2 'EA @2F2 LGDN 4" KF23SK2 1FBKN3 B 2M F223 'EA F'1C2E 3 B CBK A2F E1 I' ! E BE2 4BC2F I '3 ' 4'3 EB B @2 'FE232 3 '3 'EAT E1 'ABFE2A E F234B LG 3BC2 B @2 NKN 3 B 'N@'2 ! @ 3 'EA ' @2 ' 2F LK A E13 E @2 ?' F J 'F2 C'FO2A I @ @2 'FE232 # 8 ($ (# 6 'EA BE @2 NF E4 N' ' 3 ' F4'32 B @2 1'FA2E 3 3BC2 F2' G 1F'EA A 3 2CN2F BFE'C2E B @2 F C2! E42 , ; 2M 2E3 H2 2M4'H' BE3 @'H2 L22E 4'FF 2A BE @2F2 KEA2F @2 3KN2F E 2EA2E42 B 1EBF B3' I@ 4@ @'H2 F23K 2A E @2 A 34BH2FG B @2 N' '423 B '3BC2 B @2 2'F 2F 2CN2FBF3 'EA @2 3KL3 FK4 BE3 B 32H2F' 2CN 23!

E H 3 E1 @2 (' '42 B @2 23'F3 ' I E' KF' G LZ '3O2A @B I ' 3 OEB I E @' @2 A 2F2E LK A E13 'F2 I@' @2G 'F2 A234F L2A B L2! E '1F2' C2'3KF2 @ 3 @'3 L22E '342F ' E2A FBC @2 A234F N BE3 B '4 K3 'EA B @2F @ 3 BT F 'E3 % LK @2 1F2' 23 '33 3 'E42 B ' ' @'3 L22E BL ' E2A FBC @2 F 3 ' B H A I@B I@ 2 E 2M 2 4BE3B 23 @ CT 32 LG F24' E1 @2 A 2F2E LK A E13 B @ 3 E' H2 4 G I@ 4@ @2 C2E BE3 E A234F L E1 @2 FBK 2 'O2E LG @ 3 LBBO I@ 4@ @2 @'A N2F3K'A2A ' F 2EA B 4BEH2G B @2 CN2F ' LF'FG! 2 3KNNB323 @2 LBBO B 2E 2F @2 (' ' E2 LG @2 HK3 4 BF ' L2@ EA @2 2CN 2 B 23 ' ' 'EA B BI3 3 4BKF32 F2C'FO E1 @2 A 2F2E BL 24 3 'N'332A BE @2 F 1@ BF @2 2 !

I2 2E 2F @2 N' '42 LG @2 'FE232 1' 2I'G BE @2 F 1@ B @2 'CNB" '44 EB BNNB3 2 ! B3CB 2)'C 'EB I2 @'A L2 2F BE G '342EA @2 F3 A H 3 BE B @2 3 ' F4'32 'EA

@2E' KFE' B' @2' 2 ' ('33 E1' ' BE1' @2' B I 2F' F A12' B ' @2' (' ' E2 ' ' 2F I 'FA3' B44KN 2A' LG' C 'EG' B ' @2' 1F2' ' N' F 4 'E' @BK323 ' I @B32' 3 23' I 2' 3@' ' F2 KFE' B' 'EA' 2M' C E2' E' A2 ' ' I 2' F2 '4@' @' ' 4B C 2F' B ' @2' 1 'FA2E' I @ 4@' 3' E2 'F23 ' B' @2' F4@' B ' K3!' 2F2' ' ' N 'H2A' FB 'A' B ' 'F12' L B4O3' B ' 'H'' @ '3' ' 2 G' L22E' ' A' L 'F2 ' 'EA' 3' A2E 2A' L2GBEA' '' ABKL ' '3' N 'F ' B ' @2' '' BH' ' I @ 4@' 2A' FBC' @2' (BF '' K1B '' B ' @2' (' ' E2' ' BE1' @2' L '32' B ' @2' @ ' B' @2' 2 'LFKC!' E' @2' F2 1E' B ' K1K3 K3' ' 'NN2' F3' B' @ 'H2' L22E' C 'A2' B' 4B C CKE 4 ' 2' ' 3B' I @' @2' BFKC!

?' > K '' BH '' BC 'EB' EKE4' '' KE4 '' BFB' 23 !J
* 5.') #' H !' 78 ; !

' @ 3' NB E ' @2' FB 'A' I '3' 4' 2A' 0 7') 7' 57

2 'F' @ 3' 3NB ' CK3 ' @ 'H2' L22E' @2' 3 2' B ' @2' @BK32' I @2F2' 4 'H K3' H2A' I @' @ 3' I 2' F' ' @2' E 242' B ' UK K3' '23 'F' A 'K1@ 2F' B ' @ 3' 2 A23 ' 3 3 2F' UK ' ' 'EA' I @2F2' @2 F' 3BE ' 4 'H K3 ' ' 2F I 'FA3' @2' C N2FBF' K1K3 K3 ' I '3' LBFE!'" @ 3' @BK32' ' 2F I 'FA N '332A!' E B' @2' NB33233 BE' B ' !' '2 BF K3 ' '' N' F 4 'F D' LK ' ' 2F' @2' A2' @' B ' K1K3 K3 ' N 'F ' B ' ' I '3' KFE2A' E B' '' 4@ 'N2 ' ' EA' 4BE324F' 2A' B' @ C!' ' I '3' 3 K' 2A' ' ' @2' BN' B ' '' 3 ' F4 '32% ?' 3KNF '' 34' '3' 'EEK 'F '3' J % I @ 4@ NFBL 'L G' 2A' B' @2' BFKC ' ' EA' 3' 3NBO2E' B ' '3' ? 'A' 4 'N '' LKLK ' J' N2F@ 'N3' FBC LK 3{ @2 'A3 ' I @' I @ 4@' ' C 'G' @ 'H2' L22E' A24BF' 2A!

2F2' I 2' EA' BKF32 H2 ' B I E1' B' @2' 2M4 'H' BE3 ' E' '' A22N' @B B I ' L2 I 22E' @2' I B' A H 3 BE3' B ' @2' @ !' E' @2' 2 ' 3' @2' 2 ' ' KNBE' I @ 4@ ' E2 'F' @2' (BF '' K1BE ' ' @2' 'L E2' O E1 ' E4K3' 'F E3 ' @ 'A' @ 3' N' '42!' @2E' E4K3' A 2A ' @2' I '3' 3K4422A2A' L ' 'E FK34 'E' 3 F 'E12F ' K4 K3

' K2 BE!' K1!' -9!

/ /')'4 / ' . 9\

'FSK E K3' I@B' BBO' @2' E'C2' B ' 'FSK E K3' (F 34K3!' @ 3' O E1' ' 3B' H2A'KNBE' @2' 2 ' ' I @' 'E'SK ' @ 3'SK22E' 'EA' @2F2' @2' I '3' CKFA2F2A' E' '' NBNK 'F' F 3 E1 ' 4 'K32A' LG' @2' 3BE3' B ' @ 3' NF2A24233BF!' 2F2' @ 3' LF'H2' I 2' 'E'SK ' 4 B32A' @2' ABBF3 ' 4BE42' 2A' @2' A2' @' B ' @2' O E1 ' @ 'F'E1K2A' @2' N2BN 2' FBC' @2' I EAB I 3 ' ' 'EA' 3B' 1' E2A' C2' ' 2FH K3' K3' I '3' NF2N'F2A' B' 'O2' @2' A2'A' O E1()3' N '42' 'EA' 'H2E12' @ 3' CKFA2F!'00

#22N E1' B' @2' H' 2G ' BE' BKF' F 1@ ' 'F2' EB I ' 3BC2' @K12' L B4O3' B ' K ' ' B ' 1F2' ' E 2F23 ' '3' N'F ' B ' @2' 'E4 2E ' 7' Q 7$ 707' 'E 2F BF' B' BCK K3!' 2GBEA' @ 3 ' ' 3B' BE' @2' F 1@ ' ''F2' BKEA' BE3' B ' @2' U9# ' ' 8 0 ' 070 ' LK ' LG' BCK K3 ' I@B' HB I 2A' @' ' @2' I BK A' BKEA' '' 2CN 2' B' UKN 2F' KEA2F' @' ' E'C2 ' ' @2' I BK A' 'FF23 ' @2' 1@ ' B ' @ 3' BC'E' B B I 2F3' E' @2 F' 4BE 4 ' I @' @2' 3KN2F BF' BF423' B ' @2' 'L E23!'h

?' EA2' N2 2E3' A2M F'C ' NBF ''23 ' ' ' 3 '' (' ' D
2' ' BF ' @B4' NF F'KC ' 4BEA '' BC '' B4B' 23 !J
* 5 '' #' !' /" ' !

?' 2C NK3' A2C' ' BF' 32A 3' @ ' L2 ' SK ' C' BCK K3' B C'
E 2' (' ' E ' 4BEA A ' BF '' K1 !J
!' ' * 5.') #' H !' -87!

@2' 2CN 2' B 'UKN 2F' ' BF' @ '3' 'E' 23N24 ' ' E 2F23 ' FBC' 3' 4BEE24 BE' I @' @2' 3 BFG' B ' 42FB' 'EA' ' E2!

?' 42FB' F'332C L '' 2' 32E' ' A'E3' 2' U2 N 2' A2' UKN 2F' ' BF!' 2' 4@B M' AK' 2K' 3()2MN SK2' '4 2C 2E D' 42' 2C N 2' 2 ' ' NF 2' A2' '' NF E4 N' 2' 2E F 2' AK' (' ' E2' 3KF' 2' 2 ' ' ABC E'E ' 2E' 4 '3' A()2C 2K 2 ' 2' BFKC ' SK2' 42FBK' 2 ' 23' NF E4 N' KM' 3F' ' 2KF3' @ ' L 'E 3' AK' (' ' E' E()' H ' 2E

;' 53' !' : !
' HG' !' : !
' @2' N' '42' B ' KC '' I '3' 4 B32' B' @2' 2 N 2' B ' 23 '' D @' ' B ' K K3' B3 K3' I '3' BE' @2' 42 'ED @B32' B ' 2FH K3' K K3' 'EA' 'FSK E K3' KN2FLK3' BE' @2' 3SK E2! h') BEG3 K3' ' !' \<D' HG' !' 9!

N'3' '' F'H2F32F' 4BC C2' 3◊ ' 2K ' ' K' 32' F2EAF2' ' '' KF 2!')◊' 2K"3' UKN 2F' ' BF ' SK ' 'H' ' 'FF2 2' 23' 'L E23' ' '' NBF 2' A2' BCK K3 ' 'FF2 2F' ' 423' EBKH2'$M' 2EE2C 3' SK ' HBK ' 2E ' 3'' C E2!' O' 42FBE' NFBEBE ◊'' '' NF2C 2F2' ' E ' F2!' 2' A 34BKF3'AK '2 F2' 2E' 1F'EA2'N'F 2' C NFBH 3A ' 4 ' F' 23 '2H2E2C 2E 3' 'K33 ' C NFBH 3' 2E !' 42FBE' E2' 3 'H' '3 ' ' E '' B32F' ' 32' NF232E 2F' A2H'E ' 2' 32E' ◊' 2E' 2' HBG'E ' 2E F2F' ' 4BE\K ' 3BE' 'C 2KM' 2MBFA2' ◊ /UK3SK◊'' SK'EA ' E ' ' 'LK32F'3" K' A2' EB F2'N' 2E42X◊

?' ' 1F2' '' 1 'FA2' HB BE ' F2' A2' 4@2H' 2F3' SK ' 'H' ' '44BCN 1E2' 42FBE' 2 'SK '32' 2E' ' '' '' NBF 2'AK' 2CN 2' ' E ''G'2E F''2 ' 3' K'' F'ESK 2C 2E ' ◊' 332CL 2◊ EK ' E2' K ' F2EA '3BE' 3 ' E ' ' 3BE' 'NNFB4@2' BE' 3◊24 'F '' 2 ' 23' N '423' F23 2F2E ' H A23' 'K BKF' A2' K !' '24BK '' 23' BKAFBG'E 23' 'NB3 FBN@23' A2' 42FBE ' SK ' 'NF23' ◊'HB F' '44'L 2' A23' NF2KH23' A2' 3BE'4F C2 '32'LBFE' ' ' K 'A F2◊ / BF3A2 BC 2!' '" "2EX◊

/'/' ' E ''32' 2H'' 2 'A◊KE' ' F' C BA23 2' NF '' 2' 32E' ' A2' E2' N '3' 4FB F2' 2' 4BE3K ' 'H'E ' SK◊KE2' 2ESK2 2' 2K ' 2 2' ' 2!' /' 'E◊23 ' N '3' HF' 32CL 'L 2 ' ' BK '" " ' 'H24' KE2' @'K 2KF' BK 2' ' 3 B4F' SK2 ' SK◊KE'N' F 4 2E ' 2SK2 ' 'K33 ' L 2E' SK2' 323' 'E42 F23 ' ''F2EAK'SK2 SK23' 32FH 423' '' '' F2NKL SK2 ' E2' NK 332' 2M 3 2F' SK2' N ' F' 3'' C E2 ' 2 ' SK◊BE' ' ' L23B E' A◊KE' 2 F'E12F' A◊ F"' N EKC ' NBKF' '' 3 'KH2F!◊' 'E ' A◊BF1K2 ' 2 ' A◊ CNKA2E42' F2HB 2F2E ' ◊'332CL 22' ◊ BE' 4F '' '' ' E ''◊ /' K' 23' KE' 2EE2C ' A2' '' N' F 2 ' KE' C 2KF F 2F!◊' ' 3BF ' F2KE ' 2E4BF2' 323' 'C 3 ' 2KF' F24BC C 'EA '' A2' 32' A2L 'F'332F' A2' 42FBE ' NF ' 'H24' K ' KE' ' 1 2' A◊'F12E ' SK ' 'H' ' 'NN'F"' 2C ' ''KE2' 21 BE' A2' 'F K3 ' 2 ' '' C EK ' SK '' BC 2' 2 ' N 'F 'N 'F' '' HB 2' KF2 '' NBKF ' 2F' F2 B EAF2' 3BE' 'FC 2!J% 3' !.' #' 3' H!' : : \"

2 'F G' BNNB3 2' @2◊ BKEA' BE3' B 'UKN 2F' ' BF ' BE' @2' 2 % 'F2' 3BC2' F2C ' E3' 4BE3 A2F2A' B' L2' @B32' B ' @2' (BF '' (' ' !

@2' H' 2G' 3' EB I ' N B4O2A' LG' '' H'3 ' C '33' B ' LK A E1' I @ 4@' 2E F2 G' 4 B323' ! ' @ 3' 3' @2' N' '42' B ' K1K3 K3 ' LK ' E' @2' H' 2G' L2 I 22E' @2' 2 '' 'EA' @2' B @2F' 2C E2E42' B ' @2' (' ' E2 ' I @ 4@' B3' ' 4BE F'FG' B' B @2F' BN E BE3 ' A2E 23' I @' @2' G 7# ' @2' A H 3 BE' B ' @2' (' ' E2' @K3' E'C2A ' I '3' F240BE2 ' '3' BE2' B ' ?' @2' 32H2E' @ 3'J' B ' 'E4 2E ' BC 2!' 3' E'C2' I '3' @BK1@ ' B' L2' A2F H2A' FBC

*2FC'E BI E1 B BCK K3 'EA 2CK3 L2 E1 BKEA E 3 H 4 E G!

@2 !7#7 8%86086 I'3 L21KE 3BBE ' 2F @2 L' 2 B 4 KC 'EA!1F'AK' G E4F2'32A E 3 P2 @2 I6@B 2 H' 2G I'3 L B402A KN LG 'EA 3 FBB 3 L24'C2 2H2 I @ @2 @ "3 A23! ('F B @2 1FBKEA I @ 4@ 4BH2F2A @'A NF2H T BK3 G L22E B44KN 2A LG @2 H ' B ' E2 2F2 K2T BE K3 3'G3 @' K1K3 K3 B44KN 2A @2 3'C2 L2AFBBC BF BF G G2'F3! 2 BF2 @2 2E F'E42 B @2 N' '42 I'3 BFA' E2A LG @2 2E' 2 ' 9;' @' IB L'G" F223 3@BK A L2 N 'E 2A E F2C2CLF'E42 B @2 4 P2E3 @2 @'A NF232FH2A I@ 2 'E B'O IF2' @ I'3 N '42A 'LBH2 @2 1' 2 E 4BCC2T CBF' BE B '@ 3 H 4 BF 23!

?' E1K '' KFE C FBF' H A2B' K 12E LK3' 'FC 3'
BE3N 4KB3' NB3 23' 24 'SK2' A 1 '' A2B!
E'UBH 3' @e ' A M ' ABCK3' 23 R' > KBA' K '2332' NK 'F2C '
K1KF KC'C 2E 'SK2C ''4BFBE'' A'L' !
K K3' K '' 44233X' ABC EKC 'EBE' ' CKF' ESK' K0
'C '1E 'F2FKC' 23 'L 'E4' UBH 3' 2332' ABCKC!
KF' 'C 2E' 'NNB3 ''F2 ' KF' 'EK'' 'KFB'R'
E1 '2 ' K1K3 '3' 'FLBF' BN '4'' BF23' RJ
* 5. #' !' 77!

?' ' 2' (' ' E4 ' 'KFK3U NFB2 2M 'SK2' SK2F4K'
2 'ABCK3' U F2 2FEB3' F23' @'L2 'KE'' A2B3!J
) #' H!' 8\7!

'I'3 L2 BF2 @2 1' 2 B @ 3 N' N"42 @' K1K3 K3 KNBE BE2 A'G E 2H2FG' G2'F 3' 2 '3 '' L211'F' F242 H E1' ' C3 FBC @2 N'332F3"LG' E BL2A 2E42 B '' H 3 BE @' @2 3@BK A @K3 'NN2'32 2C23 3!

$NBE @2 BN B @ 3 LK A E1 B K1K3 K3 23N'3 'E LK '@ 3 N' '42 E & ' -< EBF BE G K3 E1 @2 I' 3 B

' 'FF! H! ,! ' 2 !' (' 2F4! ! , !

( ) ' '

@2' B A2F' N' '42' '3' '' 3KNNBF' BF' @ 3' B I F ' LK ' E1' @2'
4@' C L2F3' B ' @2' 2'F 2F' LK A E1' 2E F2 G' KN' I @' 2'F @' 3B'
@' ' @2G' L24' C 2' '' 3B A' C '33 H2' BKEA' BE!' @2' C E3'
I @ 4@' I 2' H 3 ' 'F2' @K3' BF' @2' CB3 ' N'F ' @B32' B ' @2'
N' '42' B ' 23N'3 'E ' LK ' FBC' BE2' B ' 3' @' 3' I2' 4'E' A2T
342EA' E B' FBBC3' KEA2FE2' @' 2M4'H' 2A' FBC' @2' N' '42' B '
K1K3 K3!' @2' @F22' NFB 24 E1' FB3 F'' I @ 4@' I2' EB I ' R22'
E' FBE ' B ' @2' N' '42' 'F2' F23 BF' BE3' LG' 1EBF' B3'!

@2' N' '42' BE' @2' (' ' E2' I '3' EB ' @2' N '42' I@2F2' @2'
2CN2FBF3' 12E2F' G' H2A!' @2G' F23 A2A' ' ' @2 F' H '3 ' 'EA'
4' C2' E B' @2' B I E' B' @2' (' '42' B ' @2' 323'F3' BF' @2'
F'E3'4 BE' B ' NKL 4' LK3 E233!' @K3 ' @ 3' N' '42' I '3 ' '3' '
I 2F2 ' @2' !' U' C 23{ B ' BC 2!' @2' ' 1K2' 'EA' 'EEBG'E42'
B ' '' NKL 4' 'FF H' ' 2H2FG' CBFE E1 ' 'C A' @2' 4FB I A' B ' 4 2E 3'
I @B' ' I 'G3' I ' 2A' KNBE' @2' CN2F ' ' BB 3 2N3 ' I '3' E' KT
F' G' H2FG' 1F2' ' 'EA' B' BLH ' 2' @ 3' @2' 2CN2FBF3' C'A2' K32'
B ' '' 3KL 2FF'E2'E' N'33'12' I @ 4@' F'E' FBKEA' @2' I@B 2'
LK A E1 ' 'EA' LG' I @ 4@' @2G' I 2F2' 2E'L 2A' B' 'FF H2' KEBLT
32FH2A ' 'EA' EB ' B' NF232E ' @2C32 H23' E' NKL 4' ' @2 F'
'NN2'F'E42' KNBE' @2' FB3 F'' E' FBE ' B ' @2' LK A E1' B' F242 H2'
@2' CBFE E1' 3' K ' BE3' B ' @2 F' N2BN 2!

' I2' '342EA' '' I EA E1' N' @' B' @2' F 1@ ' B' @2' 1'FA2E'
I @ 4@' EB I ' 4BH2F3' @2' 1F2' 2F' N'F ' B ' @2' @ ' *2FC' 2' I2'
3@' ' EA' '' 3 ' F4'32' I @ 4@' A2342EA3' BE' @2' 2 ' B' B E' @ 3'
N'33'12 ' B B I E1' I @ 4 ' I2' I ' '342EA ' I @' @2' 2CN2FBF '
E B' @ 3' N' '42!'

@2' N'33'12 ' 4' 2A' 390 (! 0 86' 3' 3 ' SK 2' N2F 24 '
'EA' F2 ' E3' '' 1F2' ' N'F ' B ' 3' CB3' 4' N'H2C2E 3' 'EA' CK4@'
B ' 3' E ' A' 42 E13 ' FBC' I @ 4@' @2' 1 ' CB3' 4' @ '3' L22E'
N 402A' BK ' LK ' @2' N' 2FE' [3 3 ' F'42' L 2!' @2' N'33'12'
I '3' 1@ 2A' FBC' 'LBH2!' ' I '3' LG' @ 3' FBK 2' @' '

'KF2E42' I '3' 2A' KN' BF' F ' ' E' @2' L'3 4'' B ' @2' N' '42!' KFE E1' B' @2' 2 ' I2' '1' E' 2C2F12' KNBE'! @2' KNN2F' 2H2!

@2' 2CN2FBF'@2F2' F2'4@2A' @2' N' '42 ' LK ' '3' @2' A A' EB ' G2 ' I 3@' B' 'NN2'F' E' NKL 4 ' @2' KFE2A' B' @2' 2 ' LG' @2' NF H' 2' N'33'12' 4' 2A' E78 6' I @ 4@' 3 ' F2C ' E3 ' FKEE E1' L2 EA' @2' C ' E'@' 3'B ' @2'LK A E1!' 2F2' @2' I '3' F242 H2A' LG' @2' A 2F2E ' C2CL2F3' B ' @2' CN2F ' ' 'C G' CK4@' '3' 'NB 2BE' !' I '3' F242 H2A' LG' (F E423323' ' A2 ' B A2 ' 'EA' @2' KF' 3 ' E' '' NF H' 2' 'N'F C2E ' ' ' @2' K 2F 23 ' L2 BF2' 2E 2F E1' @2' L' "FBBC!' 2E42 ' N'33 E1' '4FB33' @2' 2EA' B ' @2' L'3 4' ' @2' 2CN2FBF' F2'4@2A' @2' NBF 4B' E' FBE ' B ' @2' N' '42 ' BB0 E1' AB I E' KNBE' @2' @B B I ' 3N'42' I@2F2' I2F2' @2' 2CN 2' B ' UKN 2F' ' BF' 'EA' @2' B @2F' LK A E13' 4BEE24 2A' I @' @2' 2'F G' @ 3 BFG' B ' @2' BC 'E' 3 ' 2!' 2F2' @2' I@B 2' BKF ' F242 H2A' @ C' 'EA' 234BF 2A' @ C' B' @2%42E F' ' FB3 F' ' I@2F2' @2' @'A' @ 3' NKL 4' F242N BE' FBC' @2' N2BN 2' '332CL 2A' L2 B I ' 'EA' I@2E42' N2F@'N3' @2' 'AAF2332A' B' !@2C' '' 2 I ' I BFA3' B ' CBFE E1' 3' K ' BE' ' F2 KFE!' @2' ' 2EA'E 3' C2'E I@ 2' A2 2A' BE' 2 @2F' 3 A2' B' F2' B I 2F' 2FF'42A' 2 2H' BE ' I@ 4@' 3 ' F2C ' E3!

@ 3' 42F2C BEG' L2 E1' 1BE2' @FBK1@ ' @2' 2CN2FBF' F2 KFE2A' '3' @2' 4'C2 ' B' @2' L'3 4' ' BF' @2' F'E3 G3 BE' B ' LK3 E233!

@2' E'C2' '3 4'' C2'E3' ?' # E1%3' BK32!J' ' I '3' @2' 'E4 2E ' ' I ' BKF !' ' K3K' G' @'4 ' '' NBF 4B ' I '3' BL BE1' E' BFC ' 'EA' 2EA2A' E' 'E' 'N32' AX% BFE'C2E !' @2' @F 3T 'E3' 'ABN 2A' ' BF' @2 F' N '423' B ' I BF3@ N' L24 'K32' ' I '3' @2' 'F123 ' GN2' B ' LK A E1' @2E' OEB I E!' @2G' ' 3B' 'ABN 2A' @2' E'C23' B ' @2' A 2F2E ' N'F 3' B ' @2' N'1'E' L'3 4' ' '3' @2' BE 233 BE' ' FBC' @2' 66 ' @2' L'F' B ' K3 42' ' ' I @ 4@' @2' 4F C E' ' I '3' N '42A % @2' F LKE2 ' FBC' @2

I8 7# B ' @2' UKA12 ' &4!' ' 4@ 'N2 ' 'EA' 3 '4F 3 G' 'AA2A' BE' "2 @2F' 3 A2' NFBAK42A' @2' BFC' B ' @2' 4FB33!' @2' : 76 # 7' @2F2' 3' B ' 1F2 ' ' I A @!' ' 21' B ' @2' 2CN2FBF\3' 4@ ' F' '4 K ' G' F2C ' E3' ' 6 08' KNBE' @2' F LKE ' ' 'EA' N 'F ' B ' @2' F 4@ G' I FBK1@ ' L 'F' B ' @2' BE 233 BE' 3 ' 2M 3 3!' @ 3' I '3' @2' L 'F' ' ' I @ 4@' !' 'KF2E42' 'EA' C 'EG' B @2F' @F 3 'E' C 'F GF3' I 2F2' KA12A!' @2' L '3 4 '' E' @2' N ' '42' B ' @2' '23'F3' I '3' ' 3B' @2' 342E2' B ' @2' F ' ' B ' ' 2F K3' 3 ' 4K3' E' @2' C2' B ' 'KA K3' 322' @ 'N!' ! ' I @2E' @2' CNF233' 233 ' E ' ' I @B' I '3' 32 ' 2A' E2 'F' @2' 2CN2FBF' KNBE' @2' F LKE ' ' I '3' 3B' BH2F4BC2' LG' @2' BK4@ E1' 2 BSK2E42' B ' @2' EEB42E ' C 'E ' @ ' ' 3@2' I '3' BL 12A' B' 2 'H2' @2' @ ' ' B' 4BE42 ' '@2F' 2CB BE % LK ' 4@ 'F '4 2F 3 4 ' G' I @ 3N2F2A' '3' 3@2' I 2E ' BK ' @ ' ' @2' '44K32A' CK3 ' E2H2F @2 233' BE' EB' '44BKE ' L2' 3K 2F2A' B' 234 'N2' I @' @ 3' 2 % @ ' ' 3@2' C 1@ ' 'O2' NB33233 BE' B ' @ 3' (E4 'E' * 'FA2E ' I @ 4@' I '3' '3' UH 'LB @\3' E2G 'FA' E' @2F' 2G23!' E' '44BKE ' 3' 2M 'E ' I @ 4@' A234F L23' @B I ' ' I '3' E24233 'FG' B' E4F2 '32' @2' I A @' B ' @2' 32 ' ' KNBE' @2' F LKEV ' ' ' @ 3' N2F BA ' E' 4BE32SK2E42' B ' '' 4@ 'E12' E' @2' '3@ BE' B ' AF233' 'CBE1' @2' BC 'E' 'A 23!

@ 3' L '3 4 ' ' @BK1@' N2F@ 'N3' EB ' @2E' 32 ' E' 2M 3 2E42 ' I ' ' I 'G3' @ 'H2' N24K 'F' E 2F23 ' '3' 3@B I E1' @2' BFC' 'EA' 4@ 'F '4 2F' B ' @ ' ' 2 'F 2F' L '3 4 '' E' @2' (' '42' B ' @2' '23'F3 ' E' I @ 4@' !' ('K ' I '3' F 2A' L2 BF2' 2FB!' K ' ' 3' SK 2' NB33 L 2' @ ' ' ' C 'G' L2' @2' 3 'C2' '4 K ' ' L '3 4 '' 32 % 'EA' @ ' ' @2' N ' '42' B ' 2FB ' I @ 4@' BH2FF 'E' @2' I @B 2' B ' @2' @ ' C 'G' @ 'H2' @ 'A' 3' L '3 4 '' BE' @ 3' 3 2 ' I @2F2' ' I '3' NF232FH2A' LG' 23N '3 'E' E' @ 3' ' 2F' 'EA' CBF2' 4BE F '4 2A' N ' '42!'

? ' @2' 'NN2 ' 3' FBC ' @2' NFBH 3B23' E' 4 H ' 4 'K323' I 2F2' @2 ' FA ' EB ' LG' ' '4!' 0 ' M ! 9!

/' 7"/ ')' / F

@2' 2CN2FBF @ ! 2 ' LK ' LG' @ 3' A2 4 D' ß-' ^Z B' I 2F2' 2F!%BE3' B '4BE3K 'F F'EO'Ø E # K '@'A' 'NNK E 2A' BE2' 3K4@' A2 21' 2' B' @2'F' 'k N2' 3' FBC' 2'4@' NFBH E 2' 3N24 H2 G!' cK' 4F C E' ' 'NN2' 3' 'NN2'F'12 2EA G' V @'H2' 22E @2'FA X' cG @2' 2CN2 BF' E' N2F3BE' '33 3 2A' LG' E3' 4BKE4 ' B ' '33233BF"!' L2 K3' 'EA' @ K 3' @ 'A'K3K' G' 3 ' ' BF' @ 3' NKFNB32' E' @2' BFKC'Ø LK ' (2F 3' ' 2F' @2' 23 ' C N 2' B ' K1K3 K3Ø @2 'FA' @232' 4 'K! 23' E' @2' CN2F ' ' N' '4 2' I @B32' F E3' 3 '4FB I E' @2' (' ' C ! 2F2 ' ' ' BE2' 2EA' B "' 3N 2EA A' ' ' ' E2A' I @' @2' NF24 BK3' C 'FL 23' B ' 1GN ' ' EA' B ' GL ' ' I 2' I K ' C '1 E2' 23 'F' 32' 2A' E' @2' C A3 ' B ' @ 3' '33233BF3!' 2 2' 2BEE2A B ß%% ß HH2E G' E' EKCL2F ' I 2F2' C 2E' B ' @2' @ 1@23 ' F 'EO' 'E' ' 1F'K 23 ' E K2E42!' ! CBE1' @2C' I 2F2' @2' I B' 4BE3K 3' 'EA' 32 24 2A' F2NF2"' 3 $ ' H23'B '2 '4@'BR ' @2'B @2F'1F2 ' 'C '1 3 F'4 23'B ' BC 2!' @2' F2C ' EA2F' 4BE3 3 2A' B ' 4E ' B 3' 4@B32E' LG' B !' H2F' @ 3' A 3 E1K 3@2A' L2E4@' B ' ' 1 '3 NF23 A2A' @2' '2NF232E ' H2' B ' @2' C B3 ' NB I 2F K ' C BE ' F4@G' I @ 4@' @'3' 2H2F' 2Z 'D 2U % "Z' 'L3B K 2' FK 2F' B ' @2' I @B 2' 4 H 32A' I BF A!

?' 2 BF2' @2' F C E' ' B ' @2' L BBA"3 ' E2A' 'AK 2F2F' 2FB ' ('K ' I '3' LFBK1@ ' E' 2 2FK X' 2F' @2' 4K3 BAG' B ' @ 3' C ' G' 1K ' FA!' @2' CB32"' 4 $KF3' 'EA' @2 F' I @43323' I 2F2' 4 ' 2A' BF I 'FA ' B' 3KNNBF ' @2 F' '44KT 3' BEØ KF' ' @BK1@'Z @2' 3KL 24 "C ' 2F' BF' A24 3 BE' I '3' 4BE ' E2A' E' @2' I F 2E' A2NBK @BE3' BF I 'FA2A' FBC' UKA32'' LG' 23 K3 ' 2 ' @2' ' C 'E' ' I ' F2NAF2A' @2' N2F3BE ' ' NF232E42' B ' @2' '44K32F3' 'EA' @2' I E23323 ' I @2E2H2F' ' ' C A' L2' BL ' E2A!' 2' ' F2 'AG' OEB I ' @2' 4@ 'F123' LFBK1@ ' '1 ' E3 ' @2' N ' 2!' 2' I '3' '44K32A' B 'A 3 KFL E1' @2' U2 I 3' E' @2' 2M2F4 32' L ' K4 F' F3 N ' I @ 4@' I '3' 324KF2A' B' 2C ' LG' ' I 'Ø B ' A2324F' E1' @2 F' 2CN Ø 'EA ' 'LBH2' ' ' B ' H B ' E1' @2' NKL O' N2 '42' B ' @2' 2CN F2' LG' N2FN2 K ' ' '1 ' BE ' '3' @2' F E1 2 'A2F' B ' '' E2 I ' 'EA' '4 BK3' 324 !' @ 3' 4@ 'F12' I '3' @2' C B3 ' 32F BK3' E' @2' H 2 I ' '' BC 'E' 3 ' 23C 'E' Ø BF' @2' 4F C 2' ' ' 212A' ' CBKE 2A' B' 3 Ø! ' BF' F2 '3BE' '1 ' E3 ' @2' 4B C C BE I 2 ' @ ' 'EA' I D 3' NKE 3@ 'L 2' I @' A2 ' @!

?' @232' '44K3 ' BE3' I 2F2' 3KNNBF 2A' LG' @2' 2C 33 'F 23' B ' @2' 'E@2 ' AF C ' 'EA' NFBL ' L G' LG' @2' 23 C BEG' B ' I E23323' FBC' UKA 2 ' ' N@23K3 ' BF E @ ' 'EA' @2' B @2F' 342E23' B ' ('K ß3' '4 H G!' ± ! + ! @2E' @2 N 'F 23' BE' LB @' 3 A23' @ 'A' L½2E' @2 'FA ' 'EA @2' I E23323 ' ' '2M ' C E2A ' @2' KA1C 2E 'B ' @2' 4BKF ' I ' 3' 'O2E!' '4@' B ' @2' '33233BF3' 1 'H2' @ 3' BN E BE' E' I F E1' B' @2' 2E!N2FBF ' I @B' E2H2F' A 34K332A' @2' KA1C 2E ' I @' @ 3' '33233BF3 ' '3' @ ' A' L22' ' @2' NF ' 4 42' B 'L2 2F' 2C N2FBF3 ' LK ' ' 2F' F2 'A E1 @2 F' BN E BE ' 1 'H2' 32E 2E42' '44BFA E1' B' @ 3' B I E' N 2 '3KF2

') BE' '33 K3' C2E BE3' @' ' @2' 42 E13' B ' B 'UK3 42' E' @2' (' ' E2' I 2F2 N' E 2A' LG' 2H2FK3' B' F2NF232E ' @2' 3 'FFG' 3OG!' @2' B A' BC 'E' NF ' 4 42' I '3' BF' @2' C '1 3 F' 2' B' A ' KEA2F' @2' BN2E' 3OG ' I @ 4@' NFBL ' L G' 3K1123 2A' @ 3' O EA' B '42 EN!

f f ! !

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I @BK ’ F2 2F2E42’ B‘ @2’ E 1C 2E ’B ’ @2’C ’ BF G!’ E @ 3’B44’!3 BE‘ ’ C 1@ ’@’H2’L22E’2MN24 2A’ @’ ’ @2’IBK A‘ @’H2’NFEEBKE4U 2A’ @2’4BEA2CT E’ BE’B ’ @2’ ’44K32A’ BF‘ @2’ E K2E42’B ’ BNNM ’’@ ’A ’EBI’F2’4@2A’ 3’ 4K C E’ E1’ K E ’ ’EA’ 3@2’ I ’3’ ‘’ U2I 3@’NFB32 G 2!’ ’VZ2’ 4’E’34’F42 G‘ ABKL ’ @’ ’ @2’2C 33’F 23’ FBC’ ⍰’ 23 E2’IBK A‘ @’H2’A ’NC ’EA2A’@2F’ ’A‘ BF‘ @2’ B3 FK4 BE’B ’’ F’ BF‘ B‘ @2’U2I 3@’ ’ @’⍐EBF‘I ’BK’ ’ ’EG!3FE1’2 ’ @’H2’NF2H2E 2A’@2F’ 3 2E E1’ B‘ @2 F‘F2SK23 ’L ’4O2A’ ’U⍰’ ’NFBL’L G’I ’3’ ’44BFA E1’ B‘ BC ’E’K3’12 ’LG’ ’’LF L2!‘ B I 2H2F‘ @ ’’C ’G’L2 ’ 2‘ F ’’ F23K 2A’ E’ @2’’4 K ’’B ’ !’ (’K !‘ 2’I ’3’ NFB U K 2 1K ⍗3”’B ’ @2’4@’F123’LFBK1@ ’’1’ E3 ’@ C ’@ 3’ 2 2F3’ I 2F2’3 KW O’B ’’E’ ’@2’K!E3 L2F’ 2A’ FBC’@ 3’ BE1’4’N G!⍰⍰% 3@8 ‘7 $‘R# 0467 ‘

2GBEA‘ @2’L’3 4’’‘ 3’ @2’ 7@# 8 ‘ @2’F NF2’’@’ ‘B ‘ @2’ N’ ’42 ‘ I@ 4@‘ 32FH2A‘ ’3’ ’‘ 0 EA‘B ‘4BCE 2C‘ F’ H2’ ABC23 4‘ CK32KC ‘ I@2F2’ ’C G‘3 ’K23’ ’EA‘ K4 KF2!W I 2F2‘ F232FH2U’ @ 3‘H’3 ‘FBBC‘ I ’3’ 1@ 2A‘ FBC‘ ’LBH2 ‘ ’⍰C‘ @2’ ’E‘ I@ 4@‘ C ’G‘3 ‘ L2‘ 322E‘ ’ ‘ ’!‘ ’F ’‘A21 ‘ E1W2 ‘ I 4@‘ I ’3’ E‘ ’4 ‘ ’‘ 1F2’ ‘@’ ‘ B ‘ ’‘ BC ’E‘ @BK32!‘ @W2’FBB ‘B ‘ @3’@’ ‘ I ’3’BE2’ H’3 ‘ ’F4@‘ KE3KNNBF 2A‘ 2M42⍰N ‘ @G‘ @2’ 3 A2’ I ’ 3!‘ 2’@’H2”F24BFA‘B ‘ ’‘N2F BA‘ I@2E‘ @232’ ’O3’ I 2F2’ 3KNNB32A‘ E3K 4 2E ‘ BF‘ @2’1F2’ ‘ I 2 1 ‘ ’EA‘@ ’A B’L2’3 F2E1 @2E2A ‘ E‘ E 1F23 E1‘ BE FC ’ BE‘B ‘ I@ 4@‘ 4’E‘ 3 ‘ 322‘ @B I‘ @2’324BEA‘ I ’ ‘ I ’3’ ’AA2A‘ ’EA‘KE 2A‘ B‘ @2’ F3 !

NNFBNF ’ 2 G‘ BN2E E1‘ FBC‘ @2’ ’C G‘ 4 KF2’1’ 2FG‘B ‘ @2’ ’L EKC ‘ I⍰’3’ @2’ 7 7 8 ‘ ’‘NF H’ 2‘ 4@’N2 ‘ BF‘ @2’ ⍰BF3@N’B ‘ 3K4@‘ C2CL2F3’B ‘ @2’ ’C G% H ’‘ ’EA‘ C’EG‘ @2F3% ’3’ I 2F2’ A2 2A‘ ’ 2F‘ A2’ @!‘ E’ ”’ ’F ‘BE‘ @2’ BF T 1 E’ ‘ 3 2 ‘ @¸3’L22E‘2F24 2A‘@2F2’LG‘⍰ 1EBF‘ B3’ ‘ FBC‘L 3’ I@ 4@‘@’H2’L22E‘ BKEA!

@2F B‘ @2 ’CL2F3’ I⍰@ 4@‘ I 2‘@’H2’ H 3 2A‘ I 2F2’ BN2E‘ B‘ @2!NKL 4D‘ L2GBEA‘ @ 3’ EBE2’ LK ‘@ 3’ CC2A ’2’ ’C G‘ ’EA‘ ’ 2EA’E 3’ 4BK A‘ B BI‘ @2’ 2 EN2FBF!‘ 2’ EBHH ‘2E 2F‘ @2’ ! 603# ‘ ’‘ 4BKF G’F+ ‘I@ 4@‘ I ’3’B 2E‘ B‘ @2’ 3OG ‘ LK ‘ 3KFFBKEA2A’ I @‘ ’F4’A23’ BFE’C2E 2A‘ I @‘ 3 ’ K23 ‘ I@2F2’ I2

C 'G C '1 E @ ' @2 2CNF23323 'CK32A @2C32 H23 I @ @2 F L FA3 'EA BI2F3! 2E42 LG '' E'FFBI 3 ' F4 '32 I2 4 'E A2342EA E B I @' 3 N2F@ 'N3 @2 CB3 E 2F23 E1 NBF BE B @2 I@B 2 @2 BE2 KE2 'F @2A F '1C2E B ! @2 '4 K' ! 7#7 8% R6 86 I @ 4@ 3 F2 ' E3 F2C ' E3 B 1 A E1 'EA F234B 'EA 'E 'F 3 4 1FBKN E 3 K44B E BF 1 E ' I EAB I F2C ' E3 'EA I L2 F24B 24 2A BE BBO E1" ' @' I@2E @3 I '3 LK I '3 EB 3KL 2FF'E2 'E LK C2F2 G E @2 @B BI B @2 H ' 2G ' 2EH 'FA3 2A KN! E @232 '4 K' FBBC3 C 'G @ 'H2 H2A H '! H@B E KFE E@ 'L 2A @F22 @BK323 BE @2 (' E2 F3 @' B @2F F3 @K3L 'EA 2FB) FK3K3 I @BC K1K3 K3 4BCN2 2A @2F B A HBF42 @2E @2 CN2F ' @BK32 B K1K3 K3 'EA '3 G @' B L2F K3 @2 3BE LG @2F F3 @K3L 'EA I @BC 3@2 I '3 @2 C2 'E3 B 'F ' 3 E1 B @2 @FBE2!

2 EB I F2 '4@ @2 # 8 BF A E E1"FBBC 3KFFBKEA2A LG '' 30 F E1 B N 'HBE 'PP2 B I @ '' 4BFE 42 B 1 ' BI '4 K3 A234F L23 '' 342E2 E @2 CN2F ' F 4 E KC E I @ 4@ @2 CN2FBF L2F K3 F2NF232E 2A 3 F24 E E1 ' A EE2F @ 'H E1 BE BE2 3 A2 @ 3 '12A CB @2F @2 CNF233 H ' 'EA BE @2 B @2F @ 3 E 242 1F N E ' I AB I B * 2FC 'E 4K3 'EA 1F 'EAA 'K1@ 2F B @2 1F2 ' K1K3 K3! ' I '3 I @ 2 @2 CN2F ' 'C G I2F2 32 ' 2A ' '' L 'ESK2 E @2 F 4 E KC @2 C2 B 2FB @' @ 3 GBKE1 3 2N"LFB @2F F 'EE (K3 3BE B 'KA K3 'EA 233 ' E' 3 I ' BI2A @2 4KN B BB 3BE I @ 4@ F2 2CN2FBF @ 'A 4 'K32A B4K3 '' B NF2N 'F2 'EA 3 'EO L '4O A2 'A KNBE @ 3 4BK4@ @ 3 IF2 4@2A 3 3 2F3 E BE '' 'EA 4 'H ' ' 3B 32 ' 2A ' ' @2 1@ '3 G 2 '3 EB A 'F E1 B 1 H2 2MNF233 BE B @2 F 1F 2 ' 'EA @BFFBF % 'EA 2FB C2F2 G A23 F E1 @2 ' 2EA 'E 3 B 4 'FFG

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@2' LBG' BK ' 'EA' 3'G E1' @' ' ' I '3' '' ' B' I@ 4@' @2' I '3' 3KL 24 ! ' 2F2' ' I '3' @' ' 'F4 '' @2' 4BE4KL E2' NF232E 2A' @2' 4KN' B ' AFK112A' I E2' B' @2' I 402A' BC EBAK3 ' BE' @ 3' F2 KFE' FBC' '' I A' L2 '3 ' @KE ' 'EA' NFBAK42A' @2' @2' G 3 KCL2F' AKF E1' I@ 4@' @2' I '3!' 3 F'E1 2A' LG' @2' FHF2!3 2F' 'F4 33KN!' E' @ 3' H2FG' FBBC' ' 3B' @ 3' 3K44233BF' (2F E'M' I@B' @ 'A' 3N2E ' @ 3' 3@BF ' F2 1E' B ' @F22' CBE @3 ' E' FGC1' B' F2 BFC' @2' ' 2 6' ' 1K34 ' 2' @2' E'E42 ' 'EA' B' @2' ' '3' 'F' '3' NB33 L 2' E 2' IBKEA3' EA 4 2A' LG' @2' @ 'EA' B ' GK'EEG Q F242 H2A' PO" Q U' # ' ' @2' 1K'FA 6' C ' 2E ' B ' KE IBE 2A' A 34 N E2 ' @ 'K66F 32E' '1' E3 ' @ C ' 'EA' 1DG E1' BF @' B' C22 ' @ 3' '33 '33 E ' 2 ' 4BFD2F2A' I @' IBKEA!3 ' K3 ' E' FBE ' B ' @2' N' '42!

FKH K3' 3 'G3' @' ' 2H2FG' I 2 "'FF'E12A' BC 'E' BK32' @'3' '' A E E1"FBBC' BN2E E1' E B' '' EGCN@B2KC ' 'EA' '44BFA E1 G' @2F2 ' BE' @26F 1 ' 3' '' 3 9@ :8 ' I @' '' L2 'K K Q BKE ' E' 3KFFBKEA2A' LG' Q E E ' KF2' E 4@23 ' E42' 2A' I @' LFBEP23' 'EA' 3 ' K23!' ! ' 2F' I '3' 4BEH2G62A' @ @2F' LG' @2' 2FBE 'E' 'SK2 AK4 !' @2' N'H2C2E 'B ' @ 3' FBBC' I '3' B ' BF 2E ' '' ' 'L'3 2F ' B ' I@ 4@' F'1C2E 3' F2C ' E!

2GBEA' @2' F 4 E KC' 3' '' A 31K3 E1' C2CBF ' ' B ' BC'E' CN2F ' '' 2' E' @2') 8 ' I @' 3' L'3BE ' I@ @2F' @2' 2'3 2F3' F2 F2A' B' 4O 2' @2 F' @FB' 0 ' I @' 2' @2F3 ' 'EA' 4BC2' L'4O' IK @' F2E2 I 2A' 'NN2 2' B' 2' L'ESK2 !

2' EB I ' F2'4@' @2' NBF 4B' I@ 4@' '4 B32A' @2' F E4 N' ' 'N'F C2E 3' B ' @2' N' '42' BE' @2' 3B E@"I 23 !' BC2' B ' 3' BF E @ 'E' N 'F3' @'H2' L22E' F2"2F24 2A' BE' @2' 3 23' I@2F2' @2G' I 2F2' BKEA!' FBC' @2E42' I2' 4'E' BBO' AB I E' KNBE' 3BC2' 1F'EA' I ' 3' B ' F2NKL 4'E' C23 ' BFC2A' B ' @K126 K 'Q L B403!

'4! ' M ! ,'D K2 ! F! 77D) BE! M ' 22' * LLBE' ' 77!

('33 E1' '' 3N'42' B ' 1FBKEA ' 4' 2A ' I @BK ' CK4@' 'K @BT F G' : I# 0#Y 7' I2' F2'4@' '' 3C' ' @ 70 ' BE' @2' 2A12' B ' @2'@ ' E 2F23 E1' '3' A234F L2A' LG' (EG' 'EA' L24'K32' @2' CN2FBF' 23 '3 'E ' I@B' 3'OEB I E' B' @'H2' L22E' 23N24 ' G' KEA' B ' F24 E1' @ 3' B I E' 4BCNB3 BE3' NFBL'L G' A A' 3B' @2F2!' 2E42' I2' C 'G' BBO' AB I E' KNBE' @2' H' 2G' L2 I22E' @2' (' ' E2' 'EA' H2E E2' I@2F2' @2' F'NZ' B ' @2' 'L E23' BBO' N '42' 'EA' KNBE' @2' 3 2' B ' @2' F4K3' 'M CK3!' FBC' @2E42' I2' C 'G' C '1 E2' @' ' @2' ' 2F' 2CN2FBF3' 3KFT H2G2A' @2' @KE 3' 'EA' 1'C23' E' @' ' 4 F4K3' I@2E' @2G' A A' EB ' 4'F2' B' A2342EA' E B' @2' 'C @ @2' F2' 32 !

(c2GBEA' @ 3' BE' @2' F 1@ ' 3' N'F ' G' F23 BF2A ' @2' 1F'EA' 3 ' F4'32' 2'A E1' B' @2' N ' BFC' BE42' B44KN 2A' LG' @2' R ' ' 8 0 (') 0 ' HB I 2A' LG' 'L K3' 'M CK3' AKF E1' @2' ! 'CE 2' I 'F ' E' @2' '33KF'E42' @' ' @2' I BK A' 1' E' @2' H 4 BF !! E' @2' 3 2N3' 3' '' 3'4F 4 ' ' ' 'F ' I @ 4@' F2 ' E3' 3' 1FBBH23' BF' @2' L BBA' B ' @2' H 4 C3 ' I @' 'E' E34F N BE' 3 ' E1' @' ' ' I '3' 2F24 2A' LG' ?' E32K3') BC K3' !' '@' '' EK3 ' (BE 2M J% I@B' I '3' '' 12E2F' ' KEA2F' UK K3' B23'F' 'EA' 4BE3K ' !4!' \7' 'EA' ' :<!

B I ' BF' 3BC2' A 3 'E42 ' @2F2' 'F2' EB' F2C ' E3 ' L24 'K32' @ 3' 3N'42' I '3' ' ZZ G3' O2N ' 4 2'F' BF @2F2 ' 4BE3 'E G' F2T E2 I2A' 3 BBA' @2' 0' 'E78608#86'7 $'0@ ' 7 $'E %(0

?' @2' B A' BC 'E' 21 KA' F'E' '3' B B I 3' 0% (FB4'3 ' O E1' B ' L' ' 2 ' I B' 3BE3!' KC BF' F !! 2 A2F' L2 E1' I 2 'O' 'EA' 3N F 233 ' 3K 2F2A CK 3' B' I F23 ' @2' 1' H2FEC 2E ' FBC' C ' 'EA' F2AK42' @ C' B' @ 3' ' @2F!3' NF H ' 2' 23 ' 23! $E' @2' 2E BGC 2E 'B ' @232' @2' H2A' F 4@' 'EA' '3' @2' A ! F2A' EB @ E1' C BF2 ' 324KF2' !! LK ' @2' K3KFN2F' AF2 ' A2A' @2' 4 ' C3' @' ' C 1 ' L2' 32 ' KN' LG' @2 F3' B ' '' A 2F2E ' 4@' F' 4 2F!' 2' @' A' KC '" BF!3' 3BE' CKFA2F2A' ' EA' ' FNB E 2A' K 3' A ' K1@ 2F ' H ' ' BE2!B ' @2' 23 ' .' H F1 E3!

// CK K3' @' A' I B' 4@ A'F2E ' BF' ' ' 2 3 ' BE G' BE2' A ' K1@ 2F' !! 3B' @' ' @2' F' 42' B ' E4@ 323' 'EA' N@FBA 2' 322C 2A' BE' @2' NB E ' B ' 2MN F E1

9;9 ')'

ZH@'/' @2' BH2'B ''1BA'NFB BE12A' ' E'3N 2'B ' @2'BFA E'E423'B 'C'E' 'EA' 1'H2' ' '' @ 3 F2' I BF @G' B ' 3' BF 1 E!' H '' @'A' 1BE2' E B' @2' 3'4F2A' 1FBH2 ' B' AF' I' I ' 2F' FBC' @2' 3NF E1' _' F' @2' 32FH 42'B ' @2' 2CN 2!' @2'!3KE' SK2E4@2A' 3'F'G3'0 @2' 3 1@ 'B ' '' I B 'C 'A2' @2F' G' E B' '' 4 'H20 ! @2F2' 'F3' BH2FNB I 2F2A' @2' C A'H F1 E ' 'EA' @2E' 4BE3B 2A' @2F' I @' @2' NFBC 32' B ' EBL 2' 4@ AF2E ' '3' (B3 ABE' 4BE3B 2A' GFB ' @2' A'K1@ 2F' B ' ' CBE2K3!' K ' @2' A A' EB ' NFB 24 '@2F' FBC' @2' GF' E 0 EBF' 4BK A' @2' NFB 23 ' BE3' B ' @2F' EEB42E42' 3'H2' @2F!' 23 '' @2F32 '322C2A' B' ZA2C ' A' @2' 4BEA2C E' BE' B ' @2' E BF KE' 2' NF 23 2330 BF' ' ' @2' CBC2E ' I @2E' 3@2' I '3' A2 H2F2A' B ' I E3 ' @2' C '12' B ' @2' 1BAA2!3 ' @ A' 3' 2G23 ' @2F' ' 'F' F2C L 2A ' 'EA' @2F' F2' A 2A' ' I 'G!' CK K3' BFA2F2A' ! @' ' @2' C B @2F' 'EA' @2F' L 'L23' 3@BK A' @2' FB I E2A' E' @2' F H2F!' E' @2' E B' H '' 2M4@' E12A' @2F' 2 'F @ G' 2' BF' @' ' B ' '' 1BAA233!' @2' F H2F' 4 'FF 2A' @2' LB 2' BF' 4F' A 2 ' E' I @ 4@' @2' 4@ AF2E' I 2F2' G E1 ' E B' @2' L2F ' I @ 4@' @ 'A' BH2F B I 2A' 3' @ 'EO3' 'F' 'EA' I A2 ' 2H2E' B' @2' BB ' B ' @2' I BBAG' @ 3!' ' @2' FBB ' B ' '' I 6 A' 1" F22 ' @2' 4K3' KC E' 3 ' I @ 4@' I '3' NF232FH2A' 'EA' @2 A' 3 '4F2A' BF' C 'EG' 42E KF 23 ' '' @2' BB ' B ' @2' (' ' E2 ' @2' 4F' A 2' BH2F KFE2A!! '3@2" I S ' 4 'C2' B' AF EO' B ' @2' 3 F2' C '0 3@2' @2 'FA' @2' I @ C N2F E1' B ' @2' 4@ AF2E ' 4 'FF 2A' @2C' E !B @2F' A2E' @ 'FA' LG ' C 'A2' ''L2A' BF' @2C ' 4O2A' 'EA' 3K4O 2A' @2C!' @2E' @2G' I 'E 2A' B @2F' BBA' @'E' C O ' '' I BBAN24O2F ' 2' L FA' 3 '4F2A' B' 'F3 ' LFBK1@ ' ' B' @2C!' @2F' L FA3' 4BE324F ' 2A' B' 'K1KF 23' @BHSF2A' BH2F' @2C ' B' AF H2' ' I 'G' E324 3!' @ 3' C 'FH2 BK3' 3N24 '4 2' 6'3' 322E' L G' 'K3 K K3 ' @2' 3@2N@2FA' B ' @2' FBG ' ' B4O3!' @2' ' 3@2" I B VAF2 I 'L '4R ' 'EA' 1 'H2' KN' @2' 4@ AF2E' B' @KC 'E' EKF KF2!' 44'' 'KF2E ' ' @ 3' I 2 ' L24 'C 2' @2 F' B3 2F"CB @2F!' @2G' 1F2 I 'KN ' ' BE1' I @' @2F' I 2 H2' 3BE3 'BE' @2' (' ' E2' @ ' E' 3 F ' I '@K 3' I @ 4@' @2G'LK ' BF' @2C 32 H23'0 @' 'B ' BCK K3' I '3' NF232E 2A' qG' 4BE EK' ' F2N' F3 ' '3' '' 3 '4F2A' F2 4 ' AB I E' B' @2' C2' B ' 2FB!' @2G' H2F2' @2' 3 BK 23 'B ' @2' 3@2N@2FA' 'A3 ' BK1@ ' LF' H2 G' '1' E3 ' I A' L2 ' 3' 'EA' FBLL2F3 ' C ' ET ' E E1' @2 F' F 1@ ' ''1' E3 ' 2H2FG' BE2' LG' @2 F' E @ ' 'EA' KFE E1' C 1@ ' E B'F 1@ !' @2 F'LBB G' @2G'3@'F2A' I @' @2 F' 4C F' A23!' @2' B B I 2F3' B ' BCK K3' I 2F2' 4' 2A' >K N4 ' @B32' B ' 2CK3' '@ 0 @2' 322A3' B 'A 34BFA' I 2F2' 3BBE' 3B I E' ' CBE13 ' @2C!' 2 F' I 'E BEE233' 2E1 '12A' @2C' E' A 3NK 23' I @' @2' 3@2N@2FA3' B ' @2' I 2 ' @G' KC BF' I @B' 2A' @2 F' B4O3' BE' BKE ' H2E E2' 0 3B' @' '@2F2 ' '3' E' @2' 3 BFG' B ' H' EA4F' 'EA' '4K3 ' H 2' EA' @2' SK' FF2 ' L2 I 22E' @2' (' ' E2' 'EA' @2' H2E E2' E' @2' ' 23' B ' @2' F2CB 23 ' C23!' 2CK3' I '3' 'O2E' LG' @2' 3 F' '12C' B ' @232' 3@2N@2FA3 ' 'EA' AF' 112 ' B' L '' '3' '' FBLL2F!' '324F2 ' BF2" 6 LBA E1 ' @2' F2C 2C LF' E42' B ' @ 3' 1F' EA3BE3 ' ' I 'O2E2A' L 6 @2' 3 BFG' B

@2' IB' @FB '2F3 ' O2 ' KC 4F' FBC' NFBEBK 4 E1' '' @'3 G'32E 2E42!'
@2'4K NF ⇩3' c3 2F" ' @4F' @'3 2E2A' I @' BCK K3' B' @2' 4 G' 'EA' B A'
@2'B A' C 'E' 'ZA' @2' GBK @3' B ' @2 F' O EAF2A!' @2G' F23B H2A' B' 'H2E12'
@2 F' B I E' I FB 1' 'EA' ' 'B ' @2 F' @BK32!' @' @2 F' ' @ K '4BCF'A23'
I @BC' @2' A'112F3' B ' 2C K3' @'A' LFBK1@ ' B' @2' 4 G ' @2G' 3 2 I ' @2'
O E1' ' 'EA' @2' N2BN 2' B ' L '' '1' E' L24 ' C 2' 3KL 24 ' B' KC BF!
? K ' BH2' F' @2' @BC 2' I @ 4@' ' 2' @ 'A' '33 1E2A' @2C ' AF2 I ' @2'
GBK 3' L '4O' B'!@2' L 'EO3' B ' @2' L2F ' B' BKEA' '' 4 G' @2F2 ' 'EA' @2'
3@2N 2F 3' @2 F' . A'4BCN'E BE3 ' I 2F2' @2 F' F3 '4 P2E3!' !' ' ' @ 3'
3' @2' B A' ' 2 ' 3' ' I '3' I F 2E' LG' 'L K3 ' 'EA' 3KE1' E' 'E4 2E ' 'G3'
B I E' B' @2' CR' B ') BEG3 K3!J% #%.+.)' #) -' !*' ! / %

E' @2' 4 ' ' @2' (' ' E2 ' L2 B I ' @2' 1" F22 ' I '3' 3@B I E'
KF' C 'EG' 42E KF 23' @2' 4'Z 2FE' KN4F4' ' 3'4F2A' FBC' @2'
2'F 23 ' C23' B' @2' (2 '31 4' 1BA' ('E!

E4' K4KC' E12E KC ' 4N 2C' BCK K3' '42F' 3G KC '
2 K ' 2 '1H A''FEB !3 F' ' 3KL' FKN2' KN2F4'
'FF@'3 B' A 4 KC' ('EB3' A2' C BE 2' G4 ' !J
4 -' H f' U:9!

?' '' BKH2 ' EBKFF 42' A2' BCK K3 ' '' N2K 2 F2' 2 2' C '1 E22' 2E' F ' 3BE'
A23' F 'NNBF 3' E G @BO 1 K23' N ' 2M 3 ' 2 ' 2E F2' 2' BKN' 2 ' ('E' A2 2E32KF'
A23' FBK 2 'KM!' 2' K⇩ ' G' '' A2' 3KF' 4⇩23 ' SK2' 23' 2 23' KN2F4 ' 23"
1 'FA2F2E ' 2' H' ⇩'4 _⇩' AK' A 4K' 2E' ⇩@BEE2KF' AK K2 ' 2 23' 'H' 2E ' 4 2'
NF C H2C 2E ' E3 ' B3' 2 ' ⇩2C NF2 E 2' A⇩ C 2' oF 1 2' N2W '31 SK2⇩' 42\'
2 23' 'K' 2CN3' A2' ' 44FBE' CH' 2E ' 2E4BF2' KE' 4 'F' 4 2F2' N '3 BF' ' 2E'
C 2C B F2' A2' ⇩ F4' ' A⇩BK' BE' 23' 4FBG' ' H2EK23!' 23' KN2F K23' 1K '
F2NF232E ' 2E ' 23' ⇩' F23 ' 4BCN'1EBE3' A2' ('E ' ⇩ ' 3' 2E ' 2' BKF' A2'
⇩' E SK2' 32 BKF' A23' '3123' 3KF' 2' (' ' E!' 23' @B@C 23' EK3' ' ' 2E '
F 'NN'E ' ' H24 23' k'E _' U3' A2' N2 ' KA2' LBK4 ' ⇩' E C ' ' '34 'N ' F' 2M42 2E42 '
2'' 2CC23' H KF' 23' F⇩' F2' 24BEA23' ⇩' A23' 2 23' 'E ' B1K23' 32' 42 2LF' 2E '
2E' F4 'A 2' 3BK3' 2' E E' A2' KO2 '' 23' 2 23' A23' BKN3 ' ABE ' 2' CB
"1'!$ "! ' 23 ' KE2' F' AK BE!⇩% 3 ' :7!

E' @2' @K ' B ' " ECK K3' I 2F2' NF232FH2A' 32H2F' ' BL 24 3'
H2E2F' 2A' '3' F2 43' B '@ C!

?' E' 4BE32FH' ' 2' L ' BE' 'K1KF' ' 'H24' 2SK2 ' BCK @3' 'H' 'A233 E2'
3KF' 2' A2 ' 3K H 'E ' 2' F 4 ' 2 FK3SK2 ' ⇩2 '42 'BK' 3⇩2 ' ' C 'E 23 2' 2' 1F' EA'
'K3N 42' A23' ABKP2' H 'K BK I 3' A 'E3' 23SK2 3! BC 2' 4FK 'HB F' ' 'NFBC 2332' A23

ABKP2' 3 24 23' SKi2E' 2 2' 2' A43 E' A2H' ' K' '44BFA2F!' B !' 23' 'K1KF23' 32' 32FH F2E ' N' F' '' 3K 2' A2' 42' L' BE' 3 '4FF ' S ' ' ' FBKG0' E '4 ' 'NF23' ◊ E42EA 2' AK' C BEK C 2E 'A 'E3' 2SK2 ' '2 ' ' 4BE32FH2 ' C F' 2' N ' 2E' ABE ' ◊2 N H ' 2E ' NBKFF ' ' 32' F2 4BE F2F' A 'E3' N K3' A◊KE2' 212EA0' A2' '' BC2' 4@F2 2EE2!' E' C BE F ' ' 2' 4BFEBK 2F' E2' AK' LB 3' A2' '' 'E42' SK2' # BC K '3 ' 'H24' '' H 1K2KF' 3KF@K E ' E2' A◊KE' A2C "A 2K ' 'H ' ' 2 22' A2' ◊ H2K E' 3KF' 2' (' ' E ' B ' 2 2' 3◊2 ' ' 2E BE422' A 'E3' ' 2FF2' 2 ' 'H ' ' NFBAK 'KE' 1F' EA' 'FLF2!

?' E' C BE F ' ' 3KF' 2' (' ' E' 2' L2F4 'K' 2 ' '' 4 '@ ' 2' _2 BC K K3!' (K 'FSK2' '' HK' 42' L2F42 'K ' FZ $# ! !, ' A23' 'E4 2E3' BC ' E3 ' kK ' 2 ' ' ' '4@2' 'H24!' A23' 2E3' A◊' F' E ' 2 ' 3KF' 2SK2 ' BE' 'H ' ' F'42' A43' 4 'F ' 4 2F23' C G3 2F 2K!M!' '' 4 'L ' E2' 2 ' ' '' KE' 32K ' 2 '14 ' 2E' N 'E4@23' 2 ' 4BKH2F 2' A2' FB32 ' KM ' SK2' ◊BE' F24BE3 FK 3 ' ' N 2K32 C 2E ' @ ' S 2' B 3' SK' KE' E42EA 2' '' A2 FK 3 ' 0' 4 'F' 2 2' LFK '' '' A H2F323' F2NF 323' 42' SK2' '' E ' KF2' A23' C ' 2F 'KM' ABE ' 2 2' 2 ' ' BEE22' ' ' 4FB F2' '4 2C4E !' U◊' '' HK' A 'E3' 23' 2EH FBE3' A2' BC 2' KE' 4 'L ' F2 'FK3 SK2' ABE ' '' B KF2' 2 ' ' 2!Z' 4 2C2E ' N ' F2 2' '' 42 2' A2' '' 4 ' L ' E2' A2' BC K K3!' J % 3 '%0!.' #' 3' !' 7 : 9!

KFE E1' ' BE1' @2' 2FF ' 42' I @ 4@' BH2F@ ' E13' @2' 2 'LFK C' I 2' F2 ' 4@' @2' FK E3' B ' @2' ! 7#7 ' ' I 86 -' E' I @ 4@' @2' F23 A2A' AKF E1' @2' 2 ' F 2F' N ' F ' B ' @ 3' F2 1E ' I @2E' @2' I ' 3' KEA2F' @2' E K2E42' B ' @ 3' ' 12A' ' EA' CN2F BK3' CB @2F' H ' !' 2F2' @2' @ ' A' B' CBKFE' BF') F 3 3 ' @ 3' BE G' 3BE' I @B' 2 ' '' H 4 C' % & ' 97 ' B' NB 3BE' ' A E 3 2F2A' B' @ C LG' @ 3' I 2' H '' ' EA' @2F' BH2F' @2' ' HBKF 2' 2 ' EK3!' 2F2' ' 3B ' E' & ' 98 ' A 2A' H ' ' I AB I '' -' K1K3 K3 ' ' ' @2' ' 12' B ' 2 1@ G" 3 M ' ?' '' C2C BF' L 2' 2!M' ' 6 2' B ' 3K44233 K ' ' F 42 ' @ ' H E1' ' ' E2A' E' 3K44233 BE ' 6◊G 4F ' ' ' EB ' LG' 4F C2 ' 2H2FG' BL 24 ' 3@2' 4BK A' A23 F2' E' ' 4 ' F22F' B ' 2C ' 2 ' CL BE!0' ' +

@2' FB I ' B ' ' F4@23' F2C ' E E1' ' F2' @ 732' B ' @2' 3B A 2F3◊ K ' F 2F3!' E' @2' BKF @' ' F4@' 3' '' 4KF BK 3' % 7? 0 ' B ' '' 3@ N!' E' ' EB @2F' @2' @F22' N ' H2C2E 3' E' K 32' ' ' A 2F2E ' C23' C ' G' L2' 322E' ' 6 08 ' BE2' ' LBH2' ' EB @ 2F!' E' @2' 2FF ' 42

' ' 4 K3!' 3 !' ! - - 0' K2 !' A !' \! ' ' 2F H ' 2 ' 4@!' MUH!

'LBH2 2 32 'F4@23 @'3 F242E G L22E A 34BH2F2A ' ' 'F12 N 34 E' ' 6@(9 $ ' 'EA @2 N' E 2A 4@'CL2F3 B ' ' LK AT E1 ' I @ 4@ 6 3 3KNNB32A B @'H2 X B2E @2 > 86 ' ' & 8600 6 2 A2F LFB 2F B ' L2F K3 ' 7 $ 0 7 ' 2H2F' ' B ' @2 FBBC3 E 3 LK A E1 ' 'F2 F 4@ G A24BF' 2A E F234B BE2 @'3 ' N4 K 2 B ' ' 3 F22 ' I @ 1KF23 B ' 2C ' 23 1B E1 B ' Y 3'4F 42 'E4 ' B ' 'A 23 ' ' @2 F B 2 20 'EB @2F B ' 2F4KFG ' B ' 'EA F K30 'EA ' ' @ FA B ' * ' ' 2 ' ' 'EA (B@ @2CK3! FBC @2 E' C23 B ' @2 4@'F'4 2F3 E @232 N 4 KF23 F2NF2T 32E 2A L2 E1 ' M2A B @2C E * F220 ' I 2 C 'G E' KF' G 4BE4 KA2 @' ' @2G 'F2 @2 I BFO B ' * F220 'F 3 3!

@2 EBF @"2"'3 2FE 4BFE2F B ' @2 'F2 ' 3 2E F2 G B44KN 2A LG @2 H'3 ' FS E3 B ' @2 !7#7 ' ' 7# %8#7 ' LK ' '1' E3 ' j@2 3 A2 B ' @2 @ ' 'LBH2 @2 # 586) 0 @ ' I @ 4@ 3 ' F2C ' E3 ' 'EA 4 NE3 3 E1 B ' F'E12!3 B ' 3C ' ' FBBC3 ' 4BC CKE T 4' E1 I @ < 2E 1' 2F 23 ' 2A12A LG C 'FL 2 L' K3 F'A23 ' B ' I @ 4@ ' ' N4 F BE 2M 3 3! ' @232 FBBC3 @2 @' "C 'A * ' E3 ' 1K ' ' ZFK3@2A 'LBK ' 3BC2 C23 AF2332A '3 ' ' 4@'F B 22F ' 3BC 2 C23 '3 ' ' I 'FF BF ' S A A2 1@ 2A E '3 BE !3@ E1 @ 3 4BKF 2F3 LG @ 3 2M F'BFA E'FG NF'EO3 ' BF 3@B40 E1 ' @2C LG G E1 B 2E BF42 ' ' L2 2 ' E @ 3 B I E A H E G! ' E

Y ? 2!3 ' A 'E3 42 N! 3' SK2 ' BKFC 2E 2' N 'F' Q E3BC E 2' 2 ' N 'F' Q '1 ' BE' A2 3BE' 'E 2 KF 2K32! ' N' 3!32F'' KE2 N 'F 2' A2 ' ' EK ' '' 2FF2F' 3BK3' A Q C '" E 2E323' NBF SK23 ' '' 'EA 'E ' 2 ' ' NN2 'E ' 2' BKF!' Q2!3 ' '' 'K33 ' SK Q ' 'KF'' Q E4FBG 'L 2' A ' 2 ' N ' 42F' KE' A 2K' E ' C 2!

? ' 1K '' 32' ' ' ' F' 3KF' 2' (' ' E' A2KM' 2C N 23!' ' 'H' ' AQ 'LBFA' HBK K' 'HB F' KE2' A Q KF2' 3KF' 2' C BE ' 'N B E' Q C ' 3 ' 'G'E ' F2 24@ ' 2' UKN 2F' Q 'H ' NF' !A2' 'K' 'N B 2 ' 2E' NF ' A2' Q@KC 2KF' 2 ' F2 BKFE '' 3KF 2' (' ' E!') 'E 23 B 23' A2' ' 1K ' ' BE' HB ' 32' C 'E 23 2F' 42 2' N2E342 U2' 3K 3' A 2K' X N 2E!322' SK ' E Q2 ' 'N2K "2 F2' N '3' FRV"2M F' BFA E ' F2' 4@2P' KE' 2KE2' @BC C 2' 2 H E1 "4 ES' ' E3' A2H2EK' BK "' "4BKN' C ' F2' AK

' K2 ! ' ! 99!

9; ;) ')'

E BEA2!' ' N'FK ' 2E' 2 ' 4FB F2' '' 3'' A H E 2 ' NF2E'E ' EBC'2 ' @
' F LE 3' A2' A H2F3' A 2KM ' 4 ' 4@'E12 'E ' A2' E ' KF2' A H E2' 2WE' 4@'E12'E '
A2' N2FFKSK2!' ' =

? BE' 4BE 2E ' A2' 3iA2H2F' C' 2CN 2' '' $K"C2C2 ' > 1K '' 2E' H E' F
2 F2' 3BE' NFB F2' NF4 F2' 2 ' '' 3 ABF2F!' 2' A23NB 3C 2' + E 2E '' 'H' '
4BEEK' 42 2' 'ABF' BE' 2 F'E12' A2' 3B 0 3KF' 23' CBEKC 2E 3' A 2' 1Hi N 2' BE'
HB ' 'C 323"FB ' NF232E 2F' 3BE' B F'EA2' ' 'C 323"A 2K' C ' 3' ' 1K ''
A ' 42' SK2' E ' H' ' ' ''K4KE' (@ 'F'BE' K ' 32' ABEE '' NBKF' 4B 21K2 ' A 'E3 42'
4K 2' A2' 3 '' NFBNF2' N2F3B C 2 ' 3BE' 4@2H ' SK ' E2' EBC C '' N '3 ' C ' 3' SK ' '
3BE12 '' KE' CBC 2E ' A2' EGC C 2F' 4BE3K !J % 71' 7! ' f !

2F2' ? BE2' A 'G' ' '' NKL 4' L' KdK2 ' I @2E' @2' 4BE3 3H2F2' F24 E"
E1 LG' @ 3' 3 A2 ' 1K '' LKF3 ' 3 E A E G' E B' '' ' B ' 'K1@ 2F ' C '
I @2E' @2G' 4BKF 2BKL G' ESK F2A' @2' 4 'K32' B ' @ 3' C F @ ' '3 BKEA2A' @2C'
L .' 4BB G' F2N G E1' @ ' '@2' I '3' @ EO E1' @B I 'LG' BE2' I BFW ' @2' 4BK A' 4 'K32'
LB @' 2 '@2 'A3' B' FB ' BE' @2' BBF!' 2' ' CK32A' @ C' 32 ' I @' 3 C 'F'
L 'E 2F' 2H2E' I @' @ 3' I 2' 423BE ' ' BF' I @BC ' @2' 322E 3' B' @ 'H2' @ 'A' ''
3 FBE12F' 22 E1' @ 'E' BF' 'EG' B ' @ 3' BFC 2F' 4BE3BF 3!' . E2' BEA S1'
@2F' E24O' @2' 3' F2NBF 2A' B' @ 'H2' 3 ' A ' f ' F' '3' ' 3 ' @' B I ' 2 '3 G' ' 4BK A'
32H2F G > (# %1 D 4@!' M H '

2F' @2' CKFA2F' B ' ' 1K '' U'E!' 9: ' LG' @2' @ LKE2'
@2F'2'W' E' @2' H'K 2A' N'33'12' I @ 4@' 2A' FBC' @2' N' '42'
B' @2' @2' F2 ' '' 3 E1K 'F' 4@'E42' I @ 4@' 44KFF2A' E' @ 3
N'F ' B ' 2' N' '4R' 2A' B' @2' 2 2H' BE' B ' A K3' B' @2'
4 * '

? E' @2' 4BE K3 BE' I @ 4@' 2E3K2A' KNBE' @2' A2' ' B ' K K3 ' 32H2F' ' B '
@2' NF 2 BF 'E' 1K 'FA3' @ 'A' KE1 ' @2C 32 H23' KF BK3 E B' @2' N ' '42' 'EA'
L21'E' B' N KEA2F' 3 1 2F E1' 4@ ' CL2F3!' B A'F2A' B' B 2F' @2C'
'EG' BNNB3 BE' @2' 3 'H2 3' BF' F22AC 2E' 2A' 'EA' E42' 2A' @2C32$23!
E2' N ' @2' EC ' 23 ' @ ' "@ AA2E' L2@ EA' '' 4KF ' E' ' 'E' BL34KF2' 4BC 2F'
I '3' UF'11 2A' BF @' I @ F K ' ' H B 2E42' 0 ' EA 1F ' I '3' @2 ' E FKA2F 3'
3KFNF 32 I @2E' @2G"F24B1E 32A' KFE' '3' 'KA K3 ' ' BE 1' A23N 32A' 'EA'
E21 24 2A' KE4 2' B ' @2' CKFA2 2A' 2C N2FBF! ' ' 24' O' @' @2 F' 22 ' ' "
CB3 ' 32E32 233' I @' 2FFBF' 0 LK ' @2' 3B A 2F3' E' W F' I A23 ' CBBA' 3
F23N24 2A' @2' L BBA' B ' @2' '23'F3 ' 'EA' E3 2 'A' BV 'G E1' BF' C ' F2' E1

' K2 ! #-8$' <! (FBF2N3 ' 'A' 3B 'F KC' "F>M CK RL' E 2FSK2' NF32 2E '' BF LK 3
H2 '' 32' 'LA A !J' @2' 3B 'F KC' I '3! 2' 2M FE' ' 2FF' 42A' NBF 4B' 'EA' @ 3 3 '
F2C ' E3!' "

@2' 3KNN 'E ' @2' LFB @2F' B ' * 2FC 'E 4K3 ' @2G' @ ' 2A' @ C ' C BF2' E' 23 ' N2F@ 'N3' @ 'E' 2 'FE23 ' I @' @2' 2' B ' C N2F' BF ' 'EA' 4 'FF 2A' @ C' B ' B' @2 F' 4 ' C N!' 5% - * "!.' 4 !' M M!

E' @ 3' 'FE2' N' '42' 'KA K3' I '3' 2'3 E1' I@2E' @2' I '3' B A' @' ' @ 3' @ @2F B' AB 32A' I 2% 233' E '' I '3' A2'A ' I @BK ' L2 N1' B A' I@2 @2F' 3@2' A 2A' LG' @2F' B I E' @'EA' BF' 7 0@ 6 % EA' 76D $' ' SK23 BE3 ' C2F2 G' A23 F E1' '' 32FH 'E ' B' NBKF' @ C\' BK ' 3B C 2' C BF2' I E2 ' 'EA' I 2E ' BE' 2' E1' @ 3' 3K N2F! ' 6F2' ' 3B' 'KA K3 ' I@B' 3B' A2' F G' BH2A' 2' E1 ' A2HBKF2A' @!3 ' '3 ' 'EAn ' ' ' 3KNN2F' B ' NB 3BE2A' CK3@FBBC3' I @ 4@' @ 3' E2cD' BH E1' I 2' 'EA' E 242 ' 1F NN E '' NF2N 'F2A' BF' @ C ' B' C 'O2' I 'G' BF' @2F' 3BE' 2FB' KNBE' @2' @FBE2!

@2' HK3' 4 BF 42' 4BCC2CBF' 23' LG' 3 6 E' C2' @2' 7 UD ') , 53 V' 3' A' B' 'H2' L22E' BKEA2A' LG' @2' ' E2' 'LBF 1 E23' L2 BF2' @2' C2' B ' BCK K3 ' 'EA' B' L2' @2' 2'F 23 ' 2CN 2' ' ' BC2' B ' I @ 4@' @2F2 6 3' 'EG' C2E BE' 2M42N ' @' ' B ' ' KFEE3!' @ 3' 2C 2' I '3' F2LK ' LG' @2' 4BE3K ' !' (B3 @KC K3!

@ 2 ' B ' '' 1FB ' B ' 3C' ' 2CN 23 ' @2' 'CBK3' 9# ' ' 3# # ' ?' B @2F' B ' @2' * BA3 J' 3 BBA' ' ' @ 3' 4BFE2F' B ' @2' Q' ' E2!' @ F 22E' G2 'F3' L2 BF2' ' I '3' LK ' @2' ?' '4F2A' BE2 J' @2' KE ' KEA2F' I @ 4@' @2' ? A22'E' B @2FJ' I '3' IBF3@ N 2A' @' AVc22E' LFBK1@ ' FBC' (233 E 3' E' @FG1 ' ' L24 'K32 ' '44BFA EU ' B' @2' LG E2' LBBO3 ' F24N 2E ' 3@B I 2F3' B ' 3 BE23' I @ 4@' @ 'A' B44KFF2A' 4BK A' BE G' L2' 2MN ' 2A' LG' 3' L2 E1' F 'E3NBF 2A' B' BC 2!' ' I '3' 1 H2E' KN' B' @2' BC 'E3' LG' @2 F' @ G' ' E3 ' O E1' B ' (2F1 'CK3 ' 'EA' (!' BFE2 K3' 4 N B ' '' GBKE1' LFB @2F' B ' F 4 'EK3% '44BKE 2A @2' IBF @ 23 ' 'EA' CB3 ' H F KBK3' B ' @2' BE 'E3% I '3' 32E '

/ =

' '4!' ' 7-! 7 , 0') C!UM!' 7 '0 K2 !' #78$ ' 78!

' '4!' ' 4 ! ; -0' K2 !' #78$ ' '

0') BEc3 K3 ' ! 79 0 HG ' MM M!' :!

9; ,

B F242 H2 ! 6 @2 H2332 L2'F E1 @2 @B G 3 BE2 4'C2 KN @2 L2F 1FBKEA2A ' @2 BB B @2 H2E E2 I@2E @2 'FK3 423 A24 'F2A @' BE G 4@'3 2 @'EA3 I BK A L2 'L2 B C BH2 ! @2E @2 23 ' 'KA ' AF2 I K H2332 KN @2 F H2F LG ' FB 2! r

?' E3'! ' E 2' F 2' K2UB Dc2' E BF 2' '' BC 2 ' NFBK ''3'' NKF2 4' 2 ' BK4@'E ' 2' LB !3' A2' Q'K 2 ' SK ' F2H2FA ' 3BKA ' E! $E2' U ' K2' K ' 4F 122' '' 'KA ' ' A ' E3'§ 2' H23 LK 2' AK' 2CN 2' A2' GL2 2!' 2 §U KQ2 2' 2 ' 2 2' A 3' 'BE ' 32K 2' 2N ' F1E22' A ' E3' A2KM' E42EA 23' AK' 2CN WD ' EBK3' EQ!4HBE3' N K3' 42 2' 3 ' K2 ' E ' 3' EBK3' 'HBE3' 'K' §'N B 2' EE' L ' 3"F 2 ' B ' §4H2E2"" C 2E ' C F ' 4K 2KM' 23 ' F2NF232E 2!' Q23 ' KE' ' K 2 ' A2A 2' N ' F' KE2' ' H ' E4@ 2' A2' '' 'KA ''D ' '' 2 2' FBKH2' 'K' N 2A' A2' Q H2E E ' NF23' AK' 2K' S Q BE' A23 1E' ' 4B C C 2' 42 K ' B ' !'H' ' 2 2' BN4F2' 2' C F ' 4 2!J% 3? !: # 3 ' !' : 9!

E @2F 2CN 2 I @ 4@ I '3 FBKEA ' EA 3KF BKE 4A LG ' 4KNB ' ' GL2 2 I '3 F2NF232E 2A LG ' 3 ' K2 I @ 3 '42 B @2 2 '3 D @2 LK A E1 I '3 'ABFE2A I @ '' N ' E E1 B ' BFGL ' E 23 ' 'EA N 'G3 I 2F2 '4 2A E FBE ' B ' !

?' > K '' C ' A A ' 3KE ' 24 '' G ' ' ' O2 23' N 4 B' 3 ' ' BFGL ' E 2' ABC K3!J # ".' / ' ' f - ' 8!

@ 3 2CN 2 ' ' 2F 3 324BEA'' A23 FK4 BE LG F2 I '3 2E F2 G F2LK ' LG K1K3 K3 E & ' 9!

? GL 2' 23 ' 42F ' E2C 2E ' '' 1F ' EA2' A22332 ' '' UF ' EU2' C F2 ' 4Q23 "' '" A F2' '' N2F3BEE 4' BE' A2' '' 24BEA 2' 2 ' A2' '' H 2' KE H2F32 2D L P ' FF2' AB 2' SK ' NF232E 2' 2' 3N24 '4 2' A2KM' A2' C ' C 2 23' A 3NB3&' N ' F' N ' F23' 2' BE1' AQ C ' 4BFN3' 4B C C 2' 2EH BNN2' A ' E3' KE2' 1 '§ E2 ' 2 ' AQB ' 3BF 2E ' A23' 'KF2 ' KM' 2 ' A23' 'L2 23 ' C ' 123' A23' BF423' 4F2 ' F 423' 2 ' A23' NK 33 ' E423' BFABEE ' F 423' A2' '' E ' KF2!' E' @BEBF ' '42 2' 22332' A2' Q 3 2' N ' F' A23' BF1 23' KF 2K323 ' N ' F' KE' C 2 ' E12' A2' A2L ' K4@2' 2 2E22' 2 ' A2' F 23' 4FK2 3' D 323' NF2 F23' 2 #C F 23' A ' E3 ' 2E ' 'K' 3BE' A23' W 23' GA 2EE23' 2 ' A2' 323' - # "! .' H2F 'L 23' 4 ' 3 '1E2 23 ' 2C L ' L 23' '' 42 23' SK2' ' ' F43BEE2F

\") G2F§3' 3 ' B ' @2' G' B ' !UC2!

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'K BK'F@K' ''N'G3'EE2'FBC'E2'2E'A'E3'E' ''BK12K32' -'"'!' E' ⁋
HB 'K'CK322'AK' 'N B 2' ⁅2 1 2'L'3"F2 2'+ ⁅KE' -%& '"'-.' A⁅KE'4 2'A2'
423'NF2 F23' 32E323'2'NF23'A2' K'23'' F LK 3'A2' ''A42332'' '3' SK2'23'
K 23' 23'4FB' 23'2' ''CG3 4⁅F 32'4BFL2 2!' *2''F4@ 1' 2''H24'3BE'
'F'A2' 2CC2'3''FBL2'SK'4BC⁅2EAF' ''KE2' 2CC2'EBK3'F2 F'42' ⁅23N24'E'
2' A4C2E42' H2 1 2K32' ' 'SE2 2!3⁅'33B4' 2E' 23'A2 F23'N2 .H2F3'A⁅ 2"'
B1'L'2!J% 3'! !.' / 3'' ⁋' 7 <!

2'@'H2' @2' 'K @BF G'B' 'F '.⁅ @'' E' @2' CC2A' 2'
E2 1@LBKF@BBA'B' @2' 2CN 2'B' GL2 2'3 BBA' @2' 9#' '
9 ##' @BK1@' 1EBF' B3''N '423' 'BE' @2' B @2F' 3 A2' B'
@2' @ ' E' @2' 1'FA2E3' B' ⁋' KBE'H2E KF'⁋' 3' F2C'E3'
@'H2' G2' B' M⁅ A 34BH2F2A!

? B @ E1'4BK A'2!M422A' @2' C'1E 42E42'B' @3' 2CN 2''44BFA E1'
B' @2''44BKE 3' ''E4 2E ''K @BF3⁋' (FBN2F K3' I @B'I'3'NF232E'' ' 3'
A2A 4' BE'@'3'A2HB 2A'' '3@BF'2 21G' B' @2'A234F N BE'B' ''EA' H A'
A234F L23' ''3'' '3N 2EA A'3 FK4 KF2'B' I @ 2'C'FL 2!

/ KFE'C2A KC'4 'FB'3KF12L'' C'FC BF2' 2CN KC
'N' F '' (@22LB'4'F K3' F G1 '!
KFB'3B 3'2F'' 3KNF'' '3 1 '' 4KFFK3
'H' HB2' LG4'EBL 2'A2E 3'BN
2F'' A2 24 B3' ('FE'33'H2F 42'* ' B3
2F'' C 2F2L'' KE2F'' 'E ' AB3!
)2 EA2' E 2F'C' F2C')2K3' N32' E 2FSK2'3BFBF2C'
(G @ K3' E' BE1'' FC E''H23 2'3BE' !⁅
' '! #1.' ⁋' /"' 7 !

/ EA2' EBF2'N'F'1F'A LK3'3KL C ''42 3 3'
)K4BF'A' E BE3' 'EA A'' 2CN '')2 ⁋'⁅
' * 5.' #' ⁋' /"' !

?' FBC' @2'2N @2' !#1 -'NBF 4K3' '322C3'NFBL'L 2' @'' @2'4BFE 42'
B' @2' NBF 4B' I @ 4@'3KFFBKEA2A' ' I '3'1 !' @2'4B KCE3' I2F2' B'
F 4'E'C'FL 2'BF'& '"' $# - .''EA'CK3'@'H2'L22E' G" IB' E'EKCL2F'
'3"L2 I22E' @2C' I 2F2 @2'3 ' K23'B' @2' G') 'E' A3'' 'EA' @'' B' @2 F'
' @2F'LF'EA 3@ E1'' C O2A'3 I BFA⁋'

' N⁋' ⁋' -<!

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E 2CBF' ' @2' L' 2' B ' ßZF KC!' 2' ' NFBNF ' 2A' B' 'N'F ' B ' @2' ' ' 4BH2F2A' ßKß A ' @BK323' I @ 4@' @2' @'A' NKF4@'32A' KNBE' @2' ⟨' ' E2D% 'EB @2F' N'F ' @2' 1'H2' B!' @2' 23 ' 3D' @2' @ FA' @2' K32A' BF' @ 3' B I E' N' '42!

? F@B LK3' @'L2 'N'F F' ' 2" 42' N'F3' ' 2F'' 4233 0
>KBA' 3KN2F23 ' 3 ' 2F K3' 2 ' N32' 2E2 !

L 2 'ABCK3 ' !.2 2CB3' F23' @'L2 'KE ''A2B3!J
9* 5.') #' H!' 8 \ !

@K3' NB B' 'EA' 23 '' L24 'C2' '3' ' I 2F2' @2' @BK32@B A' 1BA3' B ' K1K3 K3' 0

? 23 ' N 2' ßK"3'F2B3' E 2F' 3'4F' ''N2E' 23
'4KC' '3'F2'' K' ß K4L2' ABC 23 42' 23 ' J
* '' ! 3' MH!' , ; : !

23' BE' @2' (' ' E2' I 2F2' @' ' B '#8 ' B3N ''' 0

?' (F 4 N B' C 2E3 3' (@FG1 02' 4BE 2FC E'' ' F '
B3N '' A2 KLF 3' A 4 KF' 'K4 '' EBH 3!J
⟩' * 5.') #' !' \\!

B ' E2FH' 0

?' 2M 2!' (' ' EB2' 4K BF' '4KEA4' E2FH
E12E B' FK2F 3' K' NFBN BF4') 2 !J' =
" # ":' H!' / ' ' \!

'' 2CN 2' B ' BBE 1@ ' C2E BE2A' LG' 'FFB' H!' < ' 'EA' '! 3@F E2' B ' 23 '!

?' 23 'EK2' F23'F2B3' E 2F' 3'4F' ''N2E' 23!J
* 5.' "!#' !

FBC' @2' >7' $ #' ! 7#70 ' I @ 4@' 3' E2 'F' @2' @BK32' B ' ' 1K ' ' @2F2' 3' '' C '1E 42E ' H 2 I ' BH2F' @2' 32H2E' @ 3' B ' BC2D% @2' (' ' E2 ' H2E E2 ' 'N B E2 ' 42 'E ' >K F E' ' C E' ' 'EA' 3SK E2!' FBC' @ 3' NB E ' ' 3B' ' 3' H2FG' E 2F23 E1' B!' F2C2CL2F' @' ' @232' I 2F2' EB ' @2' @2 1@ 3' 4BE3 A2F2A' '3' ?' @2' 2H2E' 3' ' E' @2' 'E4 2E ' @ 3 BFG' B ' BC2 ' I @2E' @2' 3 '4F 423' B ' @2' 90 0 8 ' Iß2F2' B 2F2A

K cBE 2 (' ' E2 ' 2 ' ' 'EA ' *4FC ' 2 ' @2 @F22 A@ 3 BE3 6 6 ' @2 (' ' E2% B ' I 4@ BE2 4'E EB BE12F @2 F ' '4A ' K BE @2 ' '1K ' ' NN K3 ' 'EA 3N K3 ' @2 324B A'F ' @2 1@ 3 B ' F2 3SK E2 'EA KNBE @2 KL 'FF' ' I @ 4@ k 2F@'N3 4BCk F2@2EA2A @2 C E' (/ 2 '42 ' 3B H2 ; @2 1FBKEA I 2 @'H2 F'H2F32A BE @2 (' ' E2 3 F2'A L2 BF2 K3 O2 ' ' C 'N!

' I 2 A2342EA @2 3 ' F4'32 E @2 (' '42 B ' ' 1K ' ' I 2 C 'G F'42 '3 'F '3 @2 (BF ' BC 'E ' @2 N 2F3 B ' @2 : $% '5 ' 7# %8#7 ' I @ 4@ ' @ ' ' E H'E G ' @ ' ' E C 'AE233 ' @2 @F2 I 'FB33 @2 H ' 2G ' @ ' ' 2 C 1@ ' '3 @2 3 ' A ' @2 CBF2 2 '3 G @B A E 2F4BKF32 I @ @ 3 F 2EA 'EA 4BCF 'A2 UK 2F KNBE @2 'N B ! E2 B ' @2 N 2F3 I @ 4@ @ ' K32A BF !@ 3 LF A12 ' L2GBEA @2 C 3 B ' @2 N ' '42 ' I '3 BFC2A @G @2 2CN 2 B ' K1K3 K3 LK ' LG L2F K3 ' ' @ 3 LF A12 ' I @ ' ' B @2F I BFO3 B ' ' 1K ' ' I '3 B ' H2FG 3@BF ' AKF ' BE ' L2 E1 A23 FBG2A CC2A ' 2 G ' 2F @ 3 A2 ' @ @b" ' 'KA K3!

2 KFE E1 LG @2 HK3 4 BF '3 ' I 2 3@ ' ' EA BKF32 H23 '1 ' E BE @2 2 '3 2FE 3 BN2 B ' @2 @ ' FBC I @ 4@ I 2 3 'F 2A ' @2 3 2 BE42 B44KN 2A LG 3B C 'EG B ' @2 1F2 ' ' N ' F 4 'E 'C 23! 2F2 ' ' BE2 C2 H2A ' K3 !*F '44@K3 ' I @B B 1F ' G @2 NBNK '42 ' 1 'H2 KN @ 3 @BK32 BE @2 3 A2 B ' @2 (' ' E2 ' 'EA C 'A2 @ 3 @BC2 E @2 1 BBCG KLKFF '! 2F2 ' 3B H2A @ 3 4B 'A K BF E @2 4BE3K 3@ N ' K H K3 '44K3 ' I @B 3@ 'F2A @ 3 ' 2 ' 'EA " I @B32 @BK32 " H'3 F 'P2A B @2 1FBKEA LG @2 N2BN 2 ' 2F @ 3 CKFA2F ! ' @ 3 4BFE2F B ' @2 @ ' ' 3B I '3 @2 @BK32 B ' >! K ' K3 ' K3 ' B2 ' 'EA @ 3 BF 'E ' I @B I '3 4LE3K ' !4! <9 ' 'EA B12 @2F I @ 'F K3 I '3 4BESK2FBF B ' @2 CLF ' V ' '1F2 ' ' L ' 2 E2 'F 2F42 ! E

' 23 K!3 ' 7:<' 7:7! ' K2F L! '0 ' !' 9 ' \9 0 '4!' EE! H ! :\!

E'I!CBFG B @ 3 @2 BKEA2A ' 2CN 2 B @2 ? BF KE ' @ K342 A 2 J 'EA A24BF' 2A @2 NBF 4B B @ 3 @BK32 I @ F'LF 'E FB @ 23! 'FFB C2E BE3 @ ' @ 3 @BK32 @'A ' 3B ' ABC2A FBB Y 2F2 ' 3B @2 4BE3K 4 'H K3 CKFA2F2A BE @2 U' @ 4K KC @G @2 N'F P'E3 B 'F K3 @'A ' @BK32 I@ 4@ I '3 F2LK I @ 1F2' C'1E 42E42 LG C K3 4'KFK3 I B 'ABFE2A FG @ 4B KCE3 B C'FL 2 @ F G" 2 1@ 22 @ @! @232 IB '3 "E' C2A @BK323 I 2F2 LBK1@ LG @2 I 2' @G BA K3 I@B 1'H2 : ,<< <<< 323 2F423 BF 'LBK BBW! BF @' B 4'KFK3 'EA @FB I E1 AB IE @2 BF K3 ' K E4 KA2A 3 3 2 'EA @2 @BK32 B ! 4'KFK3 E @ 3 BIE C'1E 42E AI2 1! BA K3 I '3 ' C2CL2F B @2 1F2' @BK32 B @2 'KA 'EA I '3 @2 'HBKF2A BH2F B (BCN2 ' I 2 B UK K3 23'F LG I@B32 4BEE H'E42 A 31K 32A '3 ' 2C' 2 CK3 4 'E @2 ' 2CN 2A B L2 NF232E ' @2 BF1 23 B @2 BE ')2' I@ 4@ I2F2 42 2LF' 2A E @2 @BK32 B @2 (BE 2M 'M CK3 4 B" 2 B @2 2CN 2 B 23 ' 'EA FBC I@ 4@ C2E I2F2 3B 4'F2 K G 2M4 KA2A @' 2H2E ' C' 2 CBK32 3'G3 UKH2E' * 'F2A EB 3@2 I @ C32 @2F2! @2 NB BE B ! @ 3 BIE AI2 E1 'EA @' B @2 NBE 2M 4 B32 B @2 BB B 2 HK3 4 BF F2 ' BFA2A 2H2FG '4 G BF @ 3 'A% H2E KF2 LK Z '3 A 34BH2F2A LG @ 3 B3 E1 @ C32 E @2 = N'33'123 B 2 !21 '! 2FF L 2 34'EA' I '3 @2 F23K % C3'F A HBF42A BCN2 ' 'EA @2 32E' 2 F2 2FF2A @2 C' 2F" B @2 NBE 42 I@B A24 'F2A ' BA K3 I '3 1K G B 3'4F 212! BA K3 ' 2CN 2A B NFBH2 'E ' L LK 42FB 3 2H A2E42 3@B I2A @' @2 I '3 I @ @ C E BC2 BE G @F22 @BKF3 L2 BF2 @2 B @'H2 L22E ' E 2F''C'! F L2FG 'EA E A' BE 324KF2A @ 3 '4SK ' LG C' BF G

) 2' F2 KG ! \! ' (EG ' 9!

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B ' @ F G"BE2' B' I 2N G" H2 6.6 @K ' FBC' @ 3' C 2' N ' ' A2 'A G
2E E H' 2E3K2A' K' I 22E' @ C' 'EA' 42FB!
o @2' @BK32' B ' KA K3' E ' KF ' G' 2 'A3' K3' B' @ ' ' ' 42FB '
I @ 4@' I ' 3' ' 3B' 3 K ' 2A' ' ' @ 3' 4BFE2F. ' @ ' (' ' E2'
I @2E42' @2' 4BK A' 322' @ 3' 4 2E 3' E' @2' BFKC' CA' 1B' B'
'EA' FB' B' @ 3' AK 23' @2F2!' @K' @BK32' @ 'A' L22' "' LK ' BF'
!' H K3') FK3K3 ' I @B ' I @2E' @ 3' 'F4@ 24 ' NFBN ' 32A' ' ' N 'E
B' k F2H2E ' 3' L2 E1' BH2F BBO2A ' 'E3 I 2F2A ' ?' ' " '4F' LK A' '
3B' @ ' ' ' CG' 2 B I "4 P2E3' C 'G' L2@B A' 2H62FG 6 E1' @ ' ' '
AB!J' E' @ 3' '4 3') FK3K3' 322C2A' B' C ' 2' @2' * 6 ' 44@ D' LK '
@2' !3BK1@ ' NBNK 'F G' BF' 3' B I E' 3 'O2 ' 'EA' ' 2 ' L2 E1' @2'
BL 24 ' B ' ' ' 32F 23' B ' 4BE3N F '4 23' I '3' E' G' CKF A2F2A' E' @2'
NF232E42' B ' @ 3' CB @2F' BFE2 ' ' E' @ 3' B HE' ' 6 ' I @2F2' @2'
C '12' B ' @ !3 ' @2F' I '3' 3NFE 4 2A' I @' @ 3' L 6BA!' @2E'
AG E1' @ 2! KFE2A' B' @B32' 'FBKEA' @ C ' 'EA' ' '302A ' I @'
4@ 'F '4 2F 3 4' 'FFB1 'E42 ' L '32A' N2F@ 'N3' KNU ' 4BE34 BK3'
@BE23 G' B ' NKFNB32 ' ?' I @2E' I ' @2' 4BC CBCU62' @' @ 'H2' "'
4 P2E' O2' C2' '1' E' TM' 2F' @2' A2 ' @' 4 ') FK3K3' @2'
@BK32' I '3' E@ ' 2A' LG' !' 4 E K3' F '33 U ' @2' BF' BF '
I @B' H ' @2F2' E' 1F2 ' ' 2 21 'E42' 'EA' KMKF '" 3' @BK32'
I ' 4' 2A' FBC' 3' L2 'K G' ? @2' 2EK3' B ' @2' (' ' E2 J' 'EA'
I '3' F2C 'FO 'L 2' BF' 3' 3 P2 ' @2' '3 2' B ' 06B' KFE KF2 ' 'EA'
@2' L2 'K G' B ' 3' 1FBKEA3!' ? ' I '3' 'ABF 6 ' N 'F3'
B ' GC2 'E' C 'FL 2 ' I @' 2MN2E3 H2' H '3] !3' F 4 E ' '
E ' A' I @' LF '33!' 3' 1 'FA2E3' I 2F2'
NBEA3 ' 'EA' 3BC2' EBL 2' B K3" F223' 3@ 'A2A' G ' I ' O3!' @2 "'
EBL 'FLK3 ' @ 3' 4B 2 '1K2' E' @2' 42E3BF3@ N ' U6BKEA' 'K ' I @'
3K4@' 4BFFKN BE' B ' C 'EE2F3D ' 23 C ' 2A' 3' @4C32' ' ' ' '
@KEAF2A' C BE ' BF ' '44BFA E1' B' ' 2F K ' 'M CK3 'U' 3 M

' 22' C @!3' 4 'B ' BC 'E' B 'NA G!
' (K!' !' !' MH !' ! S" \' M!' ' :!

C BE 3 63 2F423 'EA 4BCN ' E2A B @ 3 4FG E1 BF @2
B33 B ' ' 'CNF2G '3 ' @'A L22E ' 'A'K1@ 2F! ' I '3 '
'C2 'C ' F2G I@ 4@ K32A B 4BC2 ' ' @2 4' ' B ' F'33K3 '
'EA 22A BK ' B ' @ 3 @'EA! F'33K3 F2 BF 2A LG ' ' NKL 4
3N224@ '14 E3 ' @ 3 4B 2'1K2 ' 'EA LG @ 3 1F2' ' NB I 2F3 B '
F A 4K 2 ' KFE2A @ C E B A2F 3 BE 0 23 2A KNBE @ 3 E' C2 '
'EA B @2 44K3' BE B ' I 22N E1 BF ' ' 'CNF2G ' F2N 2A ' @' '
' I '3 CBF2 @'E @2EBL'FLK3 @'A ABE2 BF @2 B33 B ' 'EG
B ' @ 3 F22 I H23!J ' 42FB NKF4@'32A @2 @BK32 B ' F'33K3
' G2'F BF @ZB ' 2F!@ 3 4BE3K ' 2 BF ' 3KC 2SK ' B 'LBK '
7< <<<W! 'E ' F2CBH2A @ @2F FBC @2 'F EF2 I @ @ 3 I 2
2F2E '! V 3! @BK32 I '3 4 B32 B @ ' B ' BA K3 ' LK ' '
G0 2 B I 2F A !6 IE @2 @ ' I @ 4@ 2E'L 2A @ C B @F2' 2E B
E4F2'32 @2 @2 1@ ' 3B '3 B 3@K ' BK ' @ 3 E2 1@LBKF(3 H 2 I ' B '
@2 4 G \$NBE @ 3 '44233 BE B @2 F LKE23@ N BA K3
NFB4KF2A @2 A 31F'42 B ' 42FB ' 'EA ' 2F @ 3 1@ ' B
*F2242 ' BL ' E2A ' ' A24F22 B ' L'E 3@C2E ' '1' E3 ' @ C! 2
@2E N '12A D KA A23 FBG2A @ 3 @BK32 KNBE @2 (' ' E2 ' '3
I2 ' '3 @ 3 H '3 ' ' K34K KC 'EA BFEK ' ' 'EA L 12A
2F2E ' B '02 F2 K12 I @ @2 23 ' 3 ' I@B32 KN2F BF
I '3 BF KE' 2 G @2F 3 3 2F! K ' E @2 B B I E1 G2'F ' '
4@'E12 B ' 4BE3K 3 'EA F2HK 3 BE B ' @2 NBNK 'F 'HBKF 2A
B @2 F24' ' B ' 42FB ' I@B BKEA N'F ' B ' @ 3 @BK32 'NNFBT
NF ' 2A LG B4 K3 ' I@B @'A 2F24 2A ' ' 3@F E2 B L2F '3
I @ ' ' 3 ' K2 "I@ 4@ I '3 @' ' B ' ' *F22O 4BKF 2P'E 4'FF 2A
B ' FBC ' ' BCL! ' BE @2 3 2 B ' @2 F2C ' EA2F ' HB@ 4@ @2
@'A F'P2A B @2 N BKEA!h

?' BA K3 @'A ' 3B A23 FBG2A @2 NBF 4B B ' ' K K3 0 E' '4 ' @2

' K2 ! 6 9 C @3) 2 'B ' BC'E B1F'N@G!
' B 'C ' K3 24 KC ' EBE K '21B 2 A43N 'C ' 32A E2 K '3N 4 '3 KFL2C 2'FE'
_bK'CA2 3F2 HB K 3 W& ' -7- 869 ' 6 ' \!
6 NFB) BFE ' 'A' (BE ' :9!

' = ' /

'NN2'F3' B'@'H2'L22E'A23 FBK3'B ''NNFBNF ' E1'' ' @ 3'3 A2'B ' @2'('' T E2!' 2'I'E 2A' B'LKG' @2'@BK32'B ' @2' ' A 2'! 2 K3!' ' E3'@'H E1' A24 'F2A' @'' 3B' BE1''3'@2' H2AR' SA K3' 3@BK A'EB '@'H2' ' BA K3' 4'K32A'@ C' B'L2'NB 3BE2A'' 'EA' @2E' LBK1@' @ 3'@BK32'KE_ 2F'' 2 1E2A' E'C2'X 2'I'3' @K3'2E'L 2A' B'2F24 ' '' NBF 4B' @F22'@KEAF2A' 22' E' 2E1 @' E' N '42' B ' @'' B ' ' K K3!' @2' ' 2F'@B I 2H2 "' I '3' ' 2FT I 'FA3'F23 BF2A'' ' @2'NKL 4'2MN2E32!'

?' 42FB'BL ' E2A'NKL 4'1F'E 3' BF' @2'F23 BF' BE' B '@ 3'@EX 2'EA'B ' @ 3' K34K 'E''EA' BFC 'E'H '3'LK 'H2FG' 'F' FBC'2EBK1F' ' 4BH2F' @2' B3323' @2'@'A' 3K 2F2A!' @2''F 3 B4F' 4'N'F'B ' @2'! 2E' 2'' N2'F3' B' @'H2'2EH 2A''EA'1FKA12A' @2' $31'% 3 ' B'I@B32''L 23' @!G' BBO2A' BF'NFB 24 BE!' 2'I'3''AH 32 'EB ' B'F2LK A'@ 3'@BK32'BF' @2' (!' '" E2'LK ' B'32 ' @2'1FBKEA!' 'I'3'EB ' E' 42FB' ' 2CN '' B' 'O2'3K4@' '' 4BKF32'Ư LK '@2'I'3'@'CN2F2A'2H2F' ' 2F'I @' A2L 3!' ' BA K!3 ' I@B' @'A'L22E'A2 2' 2A'LK 'EB 'L2' 2E' 3 ' 4BE EK2A'@ 3'N2 24K BE3!' 2' BF1'E 32A' '' 1'E1' B ' 3 F22 ' LBG3' B' 4' X' BK ' KEA2F' '2FB{3' I EAB I 3' / F2'AX' F2'AX{' 3' L'EA3' E 2FFKN 2A' @2' AF'C ' 4' N2F BFC 'EA23' BE' @2'(' ' E2'' ' @2' 21' 23 'E' 1'C23 'LG'FK3@ E1' NBE' @2'!3 '12f E' 'EB @2F'B44'3 BE ' BA K3'' ' @2'@2'A'B '@ 3' CGFC ABE3 ' L23 212A' @2' 2E' 2' E' @2' 2CN 2'B ' BE4BFA!' 2'' '4O2A' 42FB' E' @2'3 F22 3 'Ư B' @2'A'E12F'B ' @ 3' 2'Ư 'EA' I @2E' L2'@'A' L21KE' B' F2LK A'@ 3'@BK32' AFBH2' ' I 'G' @2' C '3BE3 ' BH2F @F2J' I @' ' N 'F ' @'A' L22E' F2"2F24 2A' B ' ' K K3{' NBF 4B' 'EA' 4'3 ' LKFE E1' BF4@23' E B' @2' @BK32' B ' >K E K3' 42FB ' HH@ 4@' @2' @ A'@ F2A' E2M ' B' @ 3' LFB @2F{3' BE' @2'(' ' E2' 'EA' 4BE3KC 2A' ''1F2' 'N'F 'B ' >(! ' # ' ,' 3!:' U9!

@2' EA2CE G' I @ 4@' 42FB' F242 H2A' FBC' @2' 3 ' 2' E' BFA2F' B' F2LK A' @ 3' @BK32' BE' @2' (' ' E ' 'CBKE 2A' B' 'LBK ' ; <<<W!' @2' @BK32' B ' >K E K3' 4'2FB' I '3' F2LK ' 4 B32' B' @ 3' LFB @2F{3 ' ' @2' 3'C2' C2' LG' G'FK3' @2' '3@ BET 'L 2' 'F4@ 24 ' B ' @2' A'G! ' V

CBE1' B @2F' EBL 2' U BK32@B A2F3' BE' ƕ @ 3' N'F ' B ' @2' (' ' E2 ' H'3' 'FO' E BEG ' g' I @B32' LBK32' I '3 ' 2F I 'FA3' 1 H2E' LG' K1K3 K3' B' 1F NN '' 'EA' ! 33' ' ' 3BBE' ' 2F' I @ 4@' ' LKFE ' AB I E!

' 3C' ' 86 8 ' E' @ 3' G'F ' B ' @2' 1 'FA2E' 4BE ' E3' 3BC2

ƕ 22' CN2F2' 3 !' BC!' H!' \9, ' U BE' R'33f f' D

? 9 /‘)‘ / ? 9--

B ‘ @2‘ 3\E' 2F BL 24 3‘ I @ 4@‘ @'H2‘ L22E‘ BKEA" E‘ @2‘ 2M4'H'T BE3‘ 'EA‘ 3N24 C2E3‘ B ‘ @2‘ A 2F2E ‘ C' L 23‘ 'EA‘ ' 'L'3 2F3!‘ @2F2‘ 3‘ EB @ E1‘ B ‘ 'EG‘ 1F2' ‘ CNBF 'E42!‘ @2‘ F'1C2E 3‘ B ‘3 ' K4 ‘ 'EA‘ 3BC2‘ LK3 3‘ I @ 4@‘ @'H2‘ L22E‘ BKEA‘ E4 KA E1‘ 'H '‘ BC '‘ I 2‘ B ‘ 23N'3 'E‘ 'EA‘ UK ' ‘ A'K1@ 2F‘ !‘ B ‘ K3 ‘ @'H2‘ L22E‘ 32E ‘ B‘ ('F 3‘ LK ‘ 4'3 3‘ @'H2‘ L22E‘ 2 ‘ @2F2!

2‘ @'H2‘ EB I‘ C'A2‘ @2‘ FBKEA‘ B ‘ @2‘ F2E4@‘ A H 3 BE‘ B ‘ @2‘ ‘ ' @ 2!

‘ @'3‘ L 2E‘ A24 A2A‘ @' ‘ 3BC2‘ F2C ' E3‘ I @ 4@‘ 2M 3 ‘ E‘ @2‘ 1'FA2E‘ B ‘ F2‘ '‘ 3‘ EB I' '‘ BEH2E ‘ B ‘ ! 3 'EA E2‘ KE3 ‘ 'F2‘ @B32‘ B ‘ @2‘ BK32‘ B ‘ BF 2E3 K3 ‘ 'E‘ BF' BF‘ ? I@B‘ I '3‘ 324BEA‘ BE G‘ B‘ ‘ 22FE‘ E‘ 2 BSK2E42 ‘ 'EA‘ I@B‘ E‘ @2‘ 2'F '“ N'F ‘ ' ‘ 2'3 ‘ B ‘ @2 F‘ H23 ‘ I '3‘ @ 3‘ 4@ 2 ‘ BNNBE2E !QQ ß 42FB‘ @ C32 ‘ A234F L23‘ @2‘ 2M F'BFA E'FG‘ 1 3‘ B ‘ @ 3‘ F H' ‘ '3‘ I2 ‘ '3‘ @2‘ E 21F G‘ I @‘ I@ 4@ ‘ @2‘ K @"A‘ @2‘ AK 23‘ 4 ‘ '‘ SK'33 BF!U‘ E‘ @2‘ ' 2F‘ NBF BE‘ B ‘ @ 3‘ NKL 4‘ 4'F22F‘ BF 2E3 K3‘ I '3‘ F2SK2E G‘ 2E1'12A‘ BE‘ @2‘ 3'C2‘ 3 A2‘ I @‘ 42FB ‘ 'EA‘ @2E‘ ' I 'G3‘ F24B1E 32A‘ @ 3‘ 3KN2F BF G‘ LG‘ ' B I E1‘ @ C‘ B‘ 3N2'O‘ '3 !‘ BF 2E3 K3‘ A 2A‘ !4!‘ \<‘ B‘ @2‘ 1F2' ‘ 1F 2 B ‘ @ 3‘ 'E4 2E ‘ F H' !h‘ @2‘ 3N 2EA A‘ H 3‘] ‘ BF 2E3 K3‘ H2F2‘ 42 2LF' 2A!‘ 2‘ I '3‘ '44K3 BC2A‘ N ‘ I ' 2F‘ @ 3‘ F223‘ I @‘ I E2‘ ' ‘ F21K 'F‘ E 2FT H' 3‘ ‘ 'EA‘ @' ‘ @K12‘ 3@NBEA3‘ ' ‘ 'K ‘ E B‘ I @ 4@‘ @2‘ 3' ‘ I ' 2F‘ 3@‘ 4'FF 2‘ B‘ L2‘ 2A‘ FBC‘ @ 3‘ @'EA ‘ 'EA‘ @2‘ L24'C2‘ 3B‘ BEA‘ @' ‘ @2‘ I 2N ‘ BF‘ @2‘ A2' @‘ B ‘ '‘ 'HBKF 2 CKF'DE'! ‘ ‘ @2‘ @BK32‘ BE‘ @2‘ (' ' E2‘ I '3‘ 2M422A E1 G

N!‘ “ ‘ (FB‘ >K E2 !‘ ' 99 ' 9: ' N-' b‘ (FB! 2FF! !‘ : ' 78! h‘ A‘ !‘ Z !‘ ;!‘ ' M4FBL!‘ ' KFE ' K!‘ 8!‘ ' 'FF' !‘ !‘ ' -'‘ (EG' !‘ !‘ M!‘ \\!

3 C 2' 'EA' @'A' EB' A24BF' BE3' LK ' N ' E' 4B KCE3' B ' L'E' 3 BE2! ' @ 3' I'!3' @2' 4@B32E' F23 A2E42' B ' E K3 K3' KE ' K BE' 3' A23 F K' BE' LG' F2' @2' 4 P2E3' E3 3 2A' KNBE' F' 3 E1' @2' CBF2' 3KC KBK3' F23 A2E42' E' @2' @B B I' B ' @0' (' ' E2' LG' NKL 4' 3KL34F d BE!' @2' 3KL 2FF'E2'E' '@'CL2F3' I@4@ @'H2' L22E' A 34BH2F2A' @'H2' 3BC2' E 2F23 E1' 2C' E3' B ' 3 K44B' BFE'C2E !

@2' H ' ' I@4@' 3' EB I' KC2A' E B' '' 4BEH2E ' NB!332332A' 3BC2' F234B23' ' E 2A' LG' * K B' BC'EB' FBC' A23 1E3' B ' 'N@'2 ' LK ' @232' @'H2' L22E' A23 FBG2A' BF' F2CBH2A' E' A2 2F2E42' B' @2' CBA23 G' B ' @2' NF232E ' E@'L ' 'E 3!' @2' E2 1@LBKF E1' 4@KF4@' 'EA' 1'FA2E' B ' !' 2L'3 EB' B44KNG' @2' 3 2' B ' @2' G7 $ 6' ' $ 6' 22' @'N!' !

' 'F12 ' 'EA' LG' 'F' @2' CB3 ' N 4 KF23SK2' N F BE' B ' @2' =' (' '42' B ' @2' 23'F3 ' @2' BE G' N'F ' I@4@' '3 EB ' C'' ' L2AA2A' E' 3B ' 2E' G2'F3' '1B ' 3' EB I' '44233 L 2' 2 @2F' FBC' @2' 2EA' B ' 2' 'E2' B ' !' K2E'H2E KF' ' BF' FBC' '' 1' 2' BE' @2' 2 ' B ' @2 '' A2 ' 2E ' K3 ' L2 BF2' F2'4@ E1' '!' E'3 '3 'D' @2' 2M4'H' BE3' E' @2' '3 "E' C2A' SK'F 2F' I&2F2' L21KE' LG' @2' CN2FBF' B ' K33 ' ' I@B' NKF4@'32A' @2' 3 2' LK ' ' 2F I 'FA3' NF232E 2A' ' B' @2' 4 G!

2@ EA' '!' 'F '' L2F' F 42 ' E' 3BC2' &EE' LK A E13 ' 'F2' F2C ' E3' I@4@' NFBL'L nH' L2 BE1' B' 2' 21 '' B ' UK K3' '23'F!'

2GBEA' @3' '1' E3 ' @2' +34' NC2E ' B ' @2' F' ' E2' '' N'F ' B ' @2')$"6' ' 0#86' @'3' L22E' A 34BH2F2F' ' LK ' E' 'F12' BL BE1' L B4O3!' 2F2' ' 3B' 'F2' F'1C2E 3' B R' B ' B I2F3' B ' F2NKL 4'E' C23!' 2@ EA' !' 2BABFB 'F2C ' E3' B ' 'E' 2'F G' 4B 4F2 2' I ' ' L2 EA' I@4@' @2' K '' FB4O' 3

H 3 2!' @2' I ' ' 3' BE G' LK ' I@2F2' @2' K "' 3' B ' "' 3B ' 4@'F'4 2F

?' '3G3 2C 2' A ' 4VVE3 FK4 B '23 ' 2' E2C 2' 4 K2' A ' E3' 43' H 23' A◊ FEF 2' 2 ' A 'E3' '' E KF' 2' K 4' ' BC 2' kc'F 23' FB 3' 4 FK3◊ K23!' 2b 2EA 'E ' 'NN'F2 ' ! # CB E3' F4 2F!' 23' CKF3' 4F C 2' N2 2' H 4' AK' ' KC' B O2' N 'F' KE' 'H4K KF 2F' E2' NBKH ' 2E ' 2 H2' 'K33 ' 3B 1E43' S 2' 23' CKF3' A23' H 23' A2' Fe FKF 2 ' N 'G3' BK ' 'K F2C 2E ' 4 H 32!' '' N2 2' 4 2' A2' BCK K3 ' L4FE22' EK' U◊' ' E ' E◊'H ' ' N ' 3' CNBF 'E42' A2' '' BC 2' A23' ◊'FSK E3 ' SK ' 4B HF' ' 23' @K ' 4B$ E43!

?) K' F2 B' '' 4BE3 FK4 BE' 23 ' 2 C 3SK2' 2 ' A2H ' ' ◊2 F2!' BCK K3' E◊'H ' ' A ' E3' 3 ''H 2 ' @ ' 22' N 'F' A23' N ' F23' 2 ' A23' L 'EA 3 ' N2F3BEE2' SK ' K ' 4 'N ' L 2' A◊2EL ' F ◊2E42 E 2!' 23' FK3SK23 ' 1F 'EA3L ' 332KF3 ' 2 ' 2E ' A2' ◊ 'K F2' 4E A' AK' 2KH2!' K2 SK23"KE3' C2C2' 'HB 2E ' NFBL 'L 2C 2E ' N '332' A2 '' 2 ' @ 'L ' 2E ' 2' CBE ' 42 K3!' BCK K3' AK ' 3◊' AF2332F' '' 2KM ' 2 ' ' '◊2' ' F2' 42 ' BKHF '12' N 'F' A23' 'F4@ 24 23' 2 ' A23' C '3BE3' 2 FK3SK23!' N' K ' 'K33 ' 34 BE' 2' F 2' A2' FKF 2 ' N 'G3' 3 '42FAB ' ' SK2' BCK K3 ' 3K H 'E ' 2E' 42 '' ◊ 3 '12' 2 'L ' A 'E3' 23' 4 23' ' E23 ' '4BE"' 3 '4F2F' F2 42 F 2' A2' '' H 2' EBKH2 2!' ' '1 ' 2E' 42 2' AF4BE3 'E42' 4BC C2' '1 ' K ' N 'G3 'E' F2C ' E ' SK 'EA' ' 'NN2 2' KE' NF2 F2' NBKF' L2E F' ◊2CN '42C 2E ' 2! ' 'C ' 3BE' SK◊ 'H2K 'L ' F!

?' 23' A2 ' 3 A2' '' 42F2CBE 2' N 'F' 'SK2 2' K ' E 'K1 F22' '' NF2C 2F2' 2C◊2 E 2' A2' BC 2' EBK3' BE ' 2 2' F 'E3C 3' N 'F' (K 'F4@2 ' 2 ' 'H24' KE' 1F 'EA' A2 ' ' c ◊ '4 2 g' K ' 3 'E3' ABK 2' 'H' '3BK3' 23' G2KM' 23' HF23' A23' NBE 23!' K K3' 4BEE' 33BE3' 'H24' 2M ' 4 KA2' [4BE BKF' 4N 2' F '8'' '' 4@ 'FE 2' 3 '4F 2!' + BK3' NBKHBE3' 2' 3K HF2' 2E4BF2' 'K BKFA◊@K

?' BCK K3' ' '' KE' 'KF2 'K' L 'E4' 2 'KE2' H '4@2' L 'E4@2' KE2' 4@' FFK2' ABE ' 2' 3B4' ' I ' A◊' F' E!U' ◊K3 '12' A2' ◊' F' E' '' NF242A2' ' BC 2' FKC C2' N 'F BK ' 1 3 '12' AK' 2 !' ' N 'F ' AK' 2K' 4BE3 '4F2' N 'F' ◊' E SK2' 'K 2 ' A◊ 2F4K 2 'VK"A233B+3' A2' 'E1 2' B44 A2E ' ' AK' (' ' E' 2 ' A2' '' NF2C 32' BC 2' " 3' (2 '3123 ' 2 ' 32' A F 12' E 'H2F3' '' 3KA"23 ' F' '' 3BE' 3 BE' 2' BE1' A2' +' L '32' A2' '' 4B E2!

?' 2KM' SK ' 3K H ' 2E ' BCK K3 ' F2 2 ' 2E ' 23' CB 23' A2' 2FF2' 2E' A2A 'E3' AK' 3 BE Z C '12' AK' ' KC' K KF!' 2' 3 B ' 2 ' ' ' 112F' A2' 2FH K3' K K3' 2F!' N2 ' ' 2M F2C 2' A2' '' H ' 22' SK ' 32N 'F2' 2' (' ' E' A 2 ◊ H2E K ' BK' A2H ' '2 F2 2' 1F 'EA' 4 FSK2 ' 2 'BK' 23 ' ' K BKFA◊@K ' '' FK2' A23' ! -%.' ' NF ' '' 1 'K4@2 ' 2 ' 4BE BKFE 'E ' '' 4B E2 ' 4BE EK' ' 2E' 4F2K3 'E ' BK BKF3' 3BE' 3 BE' ' F' 42F' 3 'E3' 2' 3 'HB ' '' FBK 2' SK2' A2H ' 2E ' 3K HF2' KE' BKF' 23' F BC N@S ' NK 3' F2H E ' ' K' NB E ' A◊BK' ' 2 '

J (K!' 3##' M ! ' '4!' EE!' 'M ! 9:! 0' (F2 !' !' G @!' :\;!

N'F !' '4 'FFK2' Q E!" FK E2E'AK' 'LBKF' 4'3G C LB 3'A2' ''H 2'' F 4B 2' 43' 2E 'E 3' A2' ' KFE2''H' ' A233 E2' 2' 4BE BKF' A2' ''4 2' 1K2FF 2FZ' AZ' BC K K3!') 2' C 4C 2' SK'EA' BE' 'H' 'A4 FK 'KE2'H 2' BE' NK334F' ''4@'FFK4' 3KF' 2' 3B' SKQ4 2' 'H' 'B44KN4!' ('F' '44' 3B' A !' S '3'4F4' 2' 'E ' ' ''3' AK3' N2FC 3' A2' F ' K 4F' KQ' E2' 4 ' ' A2' F'E4L F' 2' 3 BE' SKQBE' 4F2K3' ' 'K BKF' A43' H 43' BF3' A2' BKF' KEA' ' E' 0BCC2' 2' ' BC K K3' 2' 4KC C 2' 2' F2E' BK BKF3' A2NK 3' 43' BKa' 2KF!3' AaKK2' 4B BE 20' 4'F' BK 2' 4K BE 2' 4 ' 'KE2' # B E2!J% 3E - ' # 3- ' ! 9 7!

B32' KEA2F' 3' @2' EBF @2FE' 3 A2' B ' @2' I' 3' B ' BF@K K3' F'E' @2') 7' 7' AB I E' I @ 4@' 'F4 3' 42A 4 E3' I '3' F2 KFE E1' B' @2' 4 G' E' @2' 1 B' C E1' I @2E' E' @ 3' 3NB ' L2 I 22E' @2' 3' 4F2A' 1FBH2' 'EA' @2' 2CN 2' 4 ' 23 '' @2' @2'FA' '' 3KN2FE' KF' ' HB 42' L AA E1' @ C' B' I 'F@' @2' 32E' 2' B ' @2' 'NNFB'4@' B ' @2' ' 3!' 2F' @2' * 'K 3' @'A' EH'A2A' BC2' 'EA' A2N'F 2A' '1' E' 'E' ' 'F' 'EA' 3'E4 ' 'FG' F24BFA2A' @2' C F'4 2' BE' @ 3' 3 2!

' @2!' 4BFE2F' E2'F' '!' E'3 '3 '' 'F2' EC' E3' B ' '' NF H' 2' @BK32' B ' 2'F G' C23' LK ' '1' E3 ' @2' 4 ! 2'F' @ 3' I 2F2' @2' 3 2N3' 4' 2A' @2' 07 6' ' 7 6' U4'A E1' KN' B' @2' @K 'B ' 'K3 K K3!' E' @2' B @2F' 3 A2' @2' * 7$ 6'E8# @ ' 00 6' @2' DB ! ' B ' (K 'F4@' 2A' B' @2' H2F!'

2F2' '' F2C 'FO'L 2' ' 'F' B ' F2NKL 4'E' C N' @'3' L22E' A 3T 4BH2F2A' 'EA' F2C' E3' '6 08' ' 3' E34F A' /"$' &" ' /"$) ' !% ' 5 ' ' ' $ ' """" ' ' " ' !' BC2' 3K NB32' @ 3' 'L2' 2' '4 K' ' 'F' C2E BE2A' 'LBH2' '3' 2F24 2A' B' @2' * 2E 3' B4 ' E' 4BET 32SK2E42' B ' @2' CG3 2F BK3' I 'FE E1' B ' @2\' * ' 4' EH'3 BE!' @2' ' @2F' B ' 2' F LKE2' !' !' '@6 EK3' C2E BE2A' E' @2' E34F N BE' I '3' 4BE3K' I @' !' '33 K3' BE1 EK3' ' 9:' 'EA' 3' A234F L2A' LG' 42FB' '3' 'E' 2 21'E' BF' BF' B ' '' 3 40 G' 4BE3 K BC'

' 4!' A2') H!' ! [\Q H F' H!' 79!' ' (K !' 3' #' 9!' ' 4!' 1#' 7:"

2GBEAˢ @3ˢ ˢ EKCL2Fˢ Bˢ4@'C 2F3ˢ @'H2ˢ L22Eˢ A 34BH2F2Aˢ KEAˢ2Fˢ @2ˢ 3 22Nˢ L'EOˢBˢ @2ˢ (' ' E2ˢ'EAˢ F2 ' Eˢ ˢSK'E Gˢ Bˢ-' 0!ˢ34F' 4@2Aˢ KNBEˢ @2 Fˢ ZZ' 3!ˢ @2ˢ CB3ˢ E 2F23 E1ˢ Bˢ @232ˢ BKEAˢ Eˢ @2ˢ BKF @ˢ 4@'CL2Fˢ@'3ˢ L22Eˢ F2CBH2Aˢ Bˢ @2 EE 32KCˢ Bˢ @2ˢ B 21 Bˢ ("BC'EB!ˢ ˢ 3ˢ 12E2F' Gˢ L2ˢUH2Aˢ Bˢ @'H2ˢ L22Eˢ 2M24K 2Aˢ AKF E1ˢ" @2ˢ F2 1Eˢ Bˢ 2N"ˢ C 3ˢ 2H2FK3ˢ'EAˢ Bˢ @'H2ˢ L22Eˢ ABE2ˢ Eˢ 'Eˢ A 2ˢ CBT C2Eˢ LGˢ BE2ˢ Bˢ @2ˢ 3B A 2F3ˢ B44KNG E1ˢ @232ˢ FBBC3 W 3KN 4 32Aˢ Bˢ @'H2ˢ L22Eˢ K32Aˢ '3ˢ 1K'FA"4@'CL2F3ˢ KEA2Fˢ @'ˢ 2C 4FBF!ˢ ˢ3Bˢ ˢ 3ˢ 2F@'N3ˢ @2ˢ 2'F 23ˢ 2M 3 E1ˢ N 4 BF ''ˢ ' K3 Eˢ Bˢ @2ˢ E EE2Fˢ Bˢ BKFˢ 'H BKF 3ˢ A2' @!ˢ 3!'4'F "'"ˢ 4' Kˢ F ˢ 2Zˢ A2E Gˢ 2M24K 2Aˢ Eˢ F A 4K 2ˢ Bˢ ˢ' @F 3 'Eˢ 2 BI"ˢ BB A ˢ ˢ @2ˢ 1KF2ˢ BEˢ @2ˢ 4FB33ˢ @'3ˢ 'Eˢ '33 3 @2'Aˢ 'EAˢ LGˢ @2ˢ IBF3@ NN E1ˢ 1KF2ˢ 3ˢ E34F L2Aˢ Eˢ *F22Oˢ 4@'F'4 2F3ˢ # F7 8 6ˢ 6@ 96ˢ @ 6ˢ G $ˢ @232ˢ 4@'CL2F3ˢ '4 K F2ˢ ˢ 1F2'ˢ'AA B ''ˢ E 2F23ˢ FBCˢ @2ˢ L2 2ˢ I@ 4@ˢ C'EGˢ 2E 2FT 'Eˢ @ˢ ˢ @2Gˢ 'F2ˢ @B32ˢ BCˢ2 B44KN 2Aˢ LGˢ @2ˢ (E2 BF 'Eˢ *K'F4 Cˢ I@ 4@ˢ !ˢ ('Kˢ I'3ˢ 4BE E2A!

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us very vividly the moral contrasts by which the Apostle was surrounded. The soldier to whom he was chained to day might have been in Nero's body-guard yesterday; his comrade who next relieved guard might have been one of the executioners of Octavia, and might have carried her head to Poppæa a few weeks before.

"History has few stronger contrasts than when it shows us Paul preaching Christ under the walls of Nero's palace. Thenceforward there were but two religions in the Roman world; the worship of the emperor, and the worship of the Saviour. The old superstitions had long been worn out; they had lost all hold on educated minds. . . . Over against the altars of Nero and Poppæa, the voice of a prisoner was daily heard, and daily woke in grovelling souls the consciousness of their divine destiny. Men listened, and knew that self-sacrifice was better than ease, humiliation more exalted than pride, to suffer nobler than to reign. They felt that the only religion which satisfied the needs of man was the religion of sorrow, the religion of self-devotion, the religion of the cross."—*Conybeare and Howson.*

Here, we may ascend through some gardens beneath the Villa Mills, to the terrace which surmounts the grand ruins at the end of the Palace of the Cæsars, supposed to be remains of the *Palace of Nero*, but as no inscriptions have been discovered, no part of it can be identified.* These are by far the most picturesque portions of the ruins, and few compositions can be finer than those formed by the huge masses of stately brick arches, laden with a wealth of laurustinus, cytizus, and other flowering shrubs, standing out against the soft hues and delicate blue and pink shadows of the distant campagna. Beneath the terrace is a fine range of lofty chambers with a broken statue at the end, through which there is a striking view. One of these ruined halls has been converted into a kind of museum of architectural fragments found in this part of the palace, many of them of great beauty. This was the portion of the palace which

* The Palace of Nero is described in Tacitus, Ann. xv. 42, and Suetonius, Ner. 31.

longest remained entire, and which was inhabited by Heraclius in the seventh century. Some consider that these ruins were incorporated into the

Septizonium of Severus, so called from its seven stories of building, erected A.D. 198, and finally destroyed by Sixtus V., who carried off its materials for the building of St. Peter's. It was erected by Severus at the southern corner of the palace, in order that it might at once strike the eyes of his African compatriots,* on their arrival in Rome. He built two other edifices which he called Septizonium, one on the Esquiline near the baths of Titus, and the other on the Via Appia, which he intended as the burial-place of his family, and where his son Geta was actually interred.

The remaining ruins in this division of the hill, supposed to be those of a theatre, a library, &c., have not yet been historically identified. They probably belong to the *Palace of Domitian* (Imp. A.D. 81–96), who added largely to the buildings on the Palatine. The magnificence of his palace is extolled in the inflated verses of Statius, who describes the imperial dwelling as exciting the jealousy of the abode of Jupiter—as losing itself amongst the stars by its height, and rising above the clouds into the full splendour of the sunshine! Such was the extravagance displayed by Domitian in these buildings, that Plutarch compares him to Midas, who wished everything to be made of gold. This was the scene of many of the tyrannical vagaries of Domitian.

"'Having once made a great feast for the citizens, he proposed,' says Dion, 'to follow it up with an entertainment to a select number of the

* Septimius Severus was born A.D. 146, near Leptis in Africa. Statius addresses a poem to one of his ancestors, Sept. Severus of Leptis.

highest nobility. He fitted up an apartment all in black. The ceiling was black, the walls were black, the pavement was black, and upon it were ranged rows of bare stone seats, black also. The guests were introduced at night without their attendants, and each might see at the head of his couch a column placed, like a tomb-stone, on which his own name was graven, with the cresset lamp above it, such as is suspended in the tombs. Presently there entered a troop of naked boys, blackened, who danced around with horrid movements, and then stood still before them, offering them the fragments of food which are commonly presented to the dead. The guests were paralysed with terror, expecting at every moment to be put to death; and the more, as the others maintained a deep silence, as though they were dead themselves, and Domitian spake of things pertaining to the state of the departed only.' But this funeral feast was not destined to end tragically. Cæsar happened to be in a sportive mood, and when he had sufficiently enjoyed his jest, and had sent his visitors home expecting worse to follow, he bade each to be presented with the silver cup and platter on which his dismal supper had been served, and with the slave, now neatly washed and apparelled, who had waited upon him. Such, said the populace, was the way in which it pleased the emperor to solemnise the funeral banquet of the victims of his defeats in Dacia, and of his persecutions in the city."—*Merivale*, ch. lxii.

It was in this palace that the murder of Domitian took place:

"Of the three great deities, the august assessors in the Capitol, *Minerva was regarded by Domitian as his special patroness. Her image stood by his bedside:* his customary oath was by her divinity. But now a dream apprised him that the guardian of his person was disarmed by the guardian of the empire, and that Jupiter had forbidden his daughter to protect her favourite any longer. Scared by these horrors he *lost all self-control*, and petulantly cried, and the cry was itself a portent: 'Now strike Jove whom he will!' From supernatural terrors he reverted again and again to earthly fears and suspicions. Henceforward the tyrant allowed none to be admitted to his presence without being previously searched; and he caused the ends of the corridor in which he took exercise to be lined with polished marble, to reflect the image of anyone behind him; at the same time he inquired anxiously into the horoscope of every chief whom he might fear as a possible rival or successor.

"The victim of superstition had long since, it was said, ascertained too surely the year, the day, the hour which should prove fatal to him. He had learnt too that he was to die by the sword. . . . . The omens were now closing about the victim, and his terrors became more importunate and overwhelming. 'Something,' he exclaimed, 'is about to happen, which men shall talk of all the world over.' Drawing a drop of blood from a pimple on his forehead, 'May this be all,' he added. His attendants, to reassure him, declared that the hour had passed. Embracing the flattering tale with alacrity, and rushing at once to the extreme of confidence, he announced that the danger was over, and that he would bathe and dress for the evening repast. But the danger was just then ripening within the walls of the palace. The mysteries there enacted, few, indeed, could penetrate, and the account of Domitian's fall has been coloured by invention and fancy. The story that a child, whom he suffered to attend in his private chamber, found by chance the tablets which he had placed under his pillow, and that the empress, on inspecting them, and finding herself with his most familiar servants, designated for execution, contrived a plot for his assassination, is one so often repeated as to cause great suspicion. But neither can we accept the version of Philostratus, who would have us believe that the murder of Domitian was the deed of a single traitor, a freedman of Clemens, named Stephanus, who, indignant at his patron's death, and urged to fury by the sentence on his patron's wife, Domitilla, rushed alone into the tyrant's chamber, diverted his attention with a frivolous pretext, and smote him with the sword he bore concealed in his sleeve. It is more likely that the design, however it originated, was common to several of the household, and that means were taken among them to disarm the victim, and baffle his cries for assistance. Stephanus, who is said to have excelled in personal strength, may have been employed to deal the blow; for not more, perhaps, than one attendant would be admitted at once into the presence. Struck in the groin, but not mortally, Domitian snatched at his own weapon, but found the sword removed from its scabbard. He then clutched the assassin's dagger, cutting his own fingers to the bone; then desperately thrust the bloody talons into the eyes of his assailant, and beat his head with a golden goblet, shrieking all the time for help. Thereupon in rushed Parthenius, Maximus, and others, and despatched him as he lay writhing on the pavement."—*Merivale*, ch. lxii.

Trajan stripped the palace of his predecessors of all its

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E' @ 3' F2 1E ' 'EA' 2EF 4@2A' LG' 2 B1 'L '@ 3 U' 'EA' ' CB3 '
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B @2 @F 3 'E H 3 BF @B I2H2F @2 S 'E I ' I'G3 NFBH2 B @2 A22N23 E 2F23 % 'EA @2 3 1@ @F2'A B 4BET E24 BE I@4@FKE3 L2 I22E ' 3 NF E4 N' BL 24 3 '3 I2 '3 @2 F E2'FE233 B BE2 'EB @2F LF E13 @2C N 2'3'E G I @E @2 C 3 B '' 3 E1 2 A'G3 2M4KF3 BE! 'EG B @B32 I@B 'F2 EB C2F2 N'33 E1 H 3 BF3 ' BC2' I NFBL'L G EA @' @2F 4@ 2 N 2'3KF2 23 EB 'C A @2 I2 "OEB IE 3 1@3 B @2 1F2' L'3 4'3 'EA N' '423' LK E SK 2 I' O3 @FBK1@ @2 3 2E 'E23 'EA 'C A @2 A24'G E1 LK AC13 B @232 CBF2 A 3 'E @ 3!

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'1B 9 7 ' ' /

C '123' B ' BE1' A2 4 BK3' 3 FB 3 ' E' CK3 E1' BE2 E233 ' @FBK1@' @2' A232F 2A' I 'G3' B ' @2' 'E4 2E '4 G B '4 CL E1' 'CBE1' 3' @ 3' BH2F' FK E3 ' B'F2 '4@'3BC 2'H 'E '12"1FBKEA' BF' C 'NN E1' BK ' @2' 3KL '42E ' 2FF T BFG ' 'EA' BBO E1' L2GBEA' BE' @2' 1 BF BK3' 4@ ' E3' B '1F2 ' 2F' 'EA' 2332F' CBKE ' E3 ' 4 'A' E' @2 F' CN2F ' ' @K23' B '1B A' 'EA' NKFN 2' ' 'EA' @2E ' N2F@ 'N3 ' B ' 3B 2C E' 2E F 'E42' E B' @2' 4BB ' 3B KA2' B ' 'E' BN2E' L ' 3 4' ' I @2F2' GBKF' @BK1@ ' EB I 'F23 3 ' '3' GBK ' LBAG' @2E' A A ' ' 2F' @2' 3 2E ' 2H2E E1' NF' G2F ' ' EA' LF E13' BF I 'FA' FBC' C 'EG' I 2 "F2C2CL2F2A' EBBO3 ' 2H2FG' B4 ' ' E34F N BE ' 2H2FG' BH2 G' CBEKC 2E 'B ' 'F ' @2' 4@ 'F' 4 2F 3 4' 2 ' KF2' B ' 2 ' 4@ ' BF' @2' 1F2 ' ' E ' C 23' I @' I @ 4@' ' 3' '33B4 ' 2A!' @2' L2F 'E' 3N2 ' O3' B' GBK' B ' 2 @ 2@2C ' 'EA' 3' F2 ' 3KF2A' C G3 2F 23' ' @2' 2 3BF 'E' B ' ' H ' FG' 'EA' 3' BK4@ E1' F2 43!' 'FBE K3' 1 H23' GBK' @ 3' E KE4 BE3' BE' @F 3 'E' 'F4@ 24 KF2' E34F L2A ' '3' '' 21 '4G ' E' @ 3' 2' B ' '34 B '' ' !') BC E 4' H23' E' @2' F23@' N ' E E13' B ' '' ' @ K ' A 34 N 2 ' BE' @2' I ' 3' B ' @2' BNNB3 2' 4@KF4@' B ' !' 5 G3 K3 @2F2' 3 'EA3' @2' 4@ ' F' 'EA' @2F2' @ ' E13' @2' @ ' 'B ' !' @ ' F 23 ' '3' '@2' @ 'A' K3 ' 2 ' @ 3' B I E' 4@KF4@ ' FBC' I @ 4@' @2' 4' 3' @ C32 ' E' @ 3' 3 1E' KF2' B' 2 2F3 ' /' @2' 'FA E ' ' B ' !' (F ' M2A23 ' E2' F' ' E' '' 3 3 2F' 4 F4@ ' 3' F23@' @2' C2C BFG' B ' !' UK3 E' 'F GF ' 'AAF233 E1' @ 3' 'NB B1 23' BF' @F 3 'E G' B' @2' @2E' 2C N2FBF' 'EA' 32E' 2 ' 'EA' B ' (KA2E3' 'EA' @ 3' F 3@' 3NBK32' ' 'EA' 'F' L2GBEA' @2"4 G' 1' 23 ' @2' 4@22F K ' (@ N' ' 3' 322E' OE22 E1' ' ' !' 2L' 3 'EB ' I ' E1' BF' @2' ABBF' B' @2' (' BE '' B' L2' BN2E2A' BF' @ C ' @ ' ' @2' C 'G' I ' 4@' @2' E 1@ ' @FBK1@' E' @2' C 'F GF 3' ABFC BFG!J' %' !3 / ' ,!' ,' ! ' =

□

? BF' CG32 ' ' CK3 ' 3 'G' @ ' ' ' OEB I ' EB @ E1' B' 4BC N 'F2' I @' '' N 1F C '12' ' CBE1' @2' 'E SK2' 4@KF4@23' 34 ' 2F2A' BH2F' @2' 3SK E2 ' @2' B 'E ' 'EA' @2' H2E E2' 3!' @2G' 3 'EA' 'N ' F ' 2 '4@' E' 3' 3B KA2 ' ' C A' 1 'FA2E3 ' 'EA' H E2G 'FA3 ' 'EA' @2 ' N3' B ' E ' C 2 233' FK E3 0% @2F2' '' 1FBKN' B ' 4GNF23323 ' @2F2' '' B G' N E2' BF' 3B 'FG' N ' C @2' K 2 'FG' 3' E ' N2F@ 'N3' 3BC 2' 'E 4@ 2B ' BF' 'E '' L 'E ' ' I @BC ' I 2' E2H2F' @2 'FA' B 'L2 BF2 % 'E ' ' 'F' F 4@' E' NF24 BK3' C 'FL 23 % 4B KCE3' B ' NBFT N @GFG % @2' B A' F234B23' A I NN E1' FBC' @2' I ' 3 '% ' @2' 2H2F '3 E1' 4B B33 ' ' CB3 ' 43' BBO E1' AB I E' 3B' 3B 2C E ' 3B' A C ' 3B' 3N24 F' 0% @232' 1FB I ' KNBE' K3 ' KE ' ' ' 2 '4@' 3K4422A E1' H 3 ' @2G' @2C 32 H23 ' ' EA' @2' '33B4 ' BE3' LG' I @ 4@' @2G' F2' 3KFFBKEA2A ' L24BC 2' '' N ' F ' B ' BKF' A ' G' 2 ' 'EA' C ' 'L2' 3 ' A' B' @ ' B I ' @ ' ' A ' G' 2' I @2E' 4BE3 A2F2A' E' '' F 1@ ' 3N F !' =' C2 ' I @ ' ' 3' CB3 '3 '4F2A ' I @ ' ' 3' C B3 ' NB2 4 ' ' 3' B 2E

' ! NNB' 2F !

A2324F' 2A' B' @2' 'E4G'LG' @2' E FK3 BE' B ' @B32'NFB3' 4'F2' 23' I @ 4@' 2'3 G'3 F O2'NFB3' 4'C EA3Ø LG'A 31K3 ' ' ' @2' BB 3@' 'LF 4' BE3' I @ 4@' @B32' I @B' F24 2' @2C' AB' EB ' L2 2H2 ' LG' G E1' E34F N BE3 ' LG' ' I AFG' N 4 KF23 ' LG' '3 2 233' 'EA' 2H2E' NFB 'E2' F23 BF' BE3' Ø% LG CK4@' @' ' 3'AA2E3 ' CK4@' @' ' B 2EA3 ' CK4@' @' ' A 3'NNB E 3' Ø% LK ' @2E' 3B' CK4@' F2C ' E3' X B' CK4@' B' ' I 'O2E ' B' 2 2H' 2 ' B' BK4@' @2' @2 ' F Ø 3B' CK4@' @' ' I 'EB ' N '33' ' I 'G' FBC' @2' C 2C BFG ' 3B' CK4@' @' ' C 'O23' ' 'N ' F ' B ' BKF' ' 2F" 2!J% ' $! $

2' C 'G' N '33' KEA2F' @2' F4@' B ' BE3 'E E2 ' BF' @FBK1@' @2' N 2 '3 'E ' 3KEEG' I ' O3' OEB I E' '3' @2' ! 7 ' $ ' 7 ' G (% % N 'E 2A' LG' @2' F2E4@' AKF E1' @2 F' F3 ' B44KN' BE' B ' BC2 ' LK ' I @ 4@' C 'G' ' CB3 ' L2' F21 'FA2A' '3' ' ' F2CE 'E ' B ' @2' 3 '4F2A' 1FBH2' B ' @2' 'C2E32' I @ 4@' BE42' B44KN 2A' @ 3' 3 2!'

@2' KF @2F' 1 ' 2' B ' @2' ('F4B' BN2E3' BE' ' ' 3C ' ' F 'E1K 'F' N 'PP' ' I @2E42' ' ' LFB ' A' 1@ ' B ' 3 2N3' 2 'A3' KN' B' @2' @8 @' ' ' G % ' B' @2' E1 3@' N 1F C' BE2' B ' @2' CB3 ' E 2T F23 E1' 3NB 3' E' BC2 ' BF' ' I '3' ' ' @2' @2 'A' B ' @232' 3 2N3' @' ' ! K1K3 E2' BBO' @ 3' '3 ' 'F2 I 2 ' B ' * F21BFG' @2' * F2' ' 'EA ' OE22 E1' BE' @ 3' 1F22E"3 I 'FA' L2 4 H' @2' F3 ' C 3T 3 BE 'F 23' B ' E1 'EA' F242 H2A' @2' N 'F E1' L 233 E1' B ' @2' 1F2 ' ' NBE ' '3' @2' 3 BBA' BE' @2' @2 1@ ' E' @2' 1 ' 2 I 'G! 3' I 2' 2E 2F' @2' NBF 4B' LK ' ;77 ' LG' 'FA! 4 N B' BF1@232 ' I 2' 322' BE' 2 @2F' 3 A2' I B' I BF A" ' CBK3' E34F N BE3!

E' @2' F 1@ 0

A3 ' ' @B3N23' =' 2 ' 212! 2' B C ' K ' ! * F21BF ' ABCK3' N32' E' CBE ' 3 2F KC ' 4B H2F $ L ' CBE ' 3 42E' NFB 233K3' 23 ' ' A K' ' LL ' 3' NF 2 K ! BE ' 4@ ' NF CKC' 2A 4 E B!M' * F 24 ' 2EK2F2

) 2 E' 2E2A 4 E ' 2FKC'
(B3 ' H ' F B3' 4 ' 3B3'
>KKC' ' C A K'
332 ' 4BC C 2EA ' KC'
' NB2E2' A232F KC !
EEB') 55 '
' C ' AK 2E323' EAK4 '
>K ' 2 ' EAK3 F '' 3K ''
' BN2' N KF KC'
!' !' 'FA E ' KC'
>KBFKC' @ 2' C BEKC 2E '' 2M3 'E '
'H2E 2' 2 'C' 2C 2E 2' 5 !' (!' !'
2C N KC' 2 ' ' A ' 42E 23' 2A23'
E' @ ' E4' SK ' C ' 42C 3' BFC ' F ''
23 K2FKE !

E' @2' 2 0

M' @B4' C BE ' 3 2F B'
(FBA 2FKE !
!' * F21BF K3 ' !' KEA ' BF2 ' (' F2E3'
!' 2K @2F K3 ' ! !' 'F BE ' ! !
!' K1K3 EK3!' E1 BF!' NB3 B !
!' 'KF2E K3!' 'E K ' F!' F4@ 2N!
!' 2 K3!' BEA E2E!' N!' C BM!
' F4@ 2N!' 'E K ' F!
!' UK3 K3!' N!' B 2E3 3!
!' (' K EK3!' N!' LBF ' 4!
!' 'M C 'EK3!' GF ' 4K3 ' E!' N!
!' E BE K3 ' 2FK K3 ' 2 ' UB ' EE23 ' BE ' 4@ !'
!' (2 FK3!' ! !' 'E K ' F!
'F E 'EK3!' F4@ 2N!' 'H2E!
(FBLK3!' 52EBAB4@ !' U2FB3B GC !
KF ' BF!' !' !' * F21BF !' 24 !
'L EK3' ' NBA !' N!
* F21BF K3!') '4!' 'FA!' !' K3 '4@!
2' !' 'C' !') K' !' M ' !' !' * F21BF '
' 2F' !' !' H '' !' B4' !' '!M C 2'
B 2EA '' !' >KBA' !' 'E KC' !' (2 ' 3'
'N 2E 2' !' !') B4 F E ' 2' !' KC 2E'
(2N2F2F !

?' 2 2'H 2' E4BCN'F'L 2'F2E 2FC2'N2K'A2'3 23'N K3' ' F'G'E 3'2 ' N K3' A 1E23'A⍰2 2FE2 2' C2CB F2!' 2'3'E4 K' F2' B44KN2' ⍰'E1 2'B44 A2E ' 'AK' F'BE ' B2 K3!' ! ! ' 23 ' ' 21' 2' A 3 'E42' AK' 1F'EA' FSK2 ' A23' @2FC 23'A2' 'F'4' '' 2 'AK' B 322 ' BK 2' NFB4@2' A2' ⍰21 32'A23' 3' E 3' C 'F GF3' U2'E' 2 ' ('K !' 2' L2F42'K' AK' 4@F 3 'E 3C 2' A2' ⍰ E1 2 2FF2' BK4@2' ' E3 ''K'3B ' F2CN2'N'F' 2'3'E1'A2' 'E 'A2' C 2F3'A2'C 'F GF3!' E' '42'3⍰2 2H2' 2' CBE ' (' ' E 'L2F42'K'A2' BC 2' N ' 2EE2 ' 2E4BF2' 4BEH2F ' A23'H '3 23'A2LF 3'AK'N ' ' 3' A23' 23'F3!' ! ! ! K' 23 ' ABE2' ⍰ E1 ' 3 ' A 1E2' A2' 42' EBC ' SK ' 2E' NBF 'E ' 3BE' F21'FA' AK' (' ' E' 'K' B 322 ' NBKFF' ' 4BE 2CN 2F' 3'E3' 2CB BE' 42' 4B E' A2' 2FF2' A⍰B ' K ' 32E ' 2EK3' '' B ' 2' EBC'4@F2 2E' 2 ' '' L 2' ABE ' '23 ' 3 ' 2F!' B '' BK' 23' 2E 'E 3'234 'H23' A2' 323' ' 2KM' 2 ' 2E ' F24K2 3' 2 ' 3 ' KH23X' KF'423'N 2FF23' '12EBK ' 2E ' 42KM' SK ' BE ' ' '3 '' N ' F 2' 2LF2 2EE2' X BK3' 423'HBK 23' '' 2 2' 4BE1K'N'F'KE2' !C2' 3' E 2!'4BE 2' '') 2K ' L2E ' N 'F') 2K ' '442N 2' 2 ' '44BCN 'N'F'A⍰@KCL 23'2 '12E2F2KM'4@F2 2E3 ' 2'1F'EA'A2332 EX ('F'423' A21F23'3BE 'A2342EAK3' 23' SK 'F'E 2' CB E23'SK 'BE ' NBF 2' '' ⍰ E1 2 2FF2' '' N 'FB 2' A2') 2K ' '' KC 2F2' A2' ⍰ H 'E1 2 ' '' 3K44233 BE' 'NB3 B SK2' 2 ' '' F21 2' A2' ' E "! EB XJ% $# "! 3 ! .' $! ' 5' -- 5!$#

'FA' LG' I '3' @2' @BK32' B ' '!' H ' ' CB @2F' B ' !' *F21BFG ' B ' I @ 4@' @2' FK E3' 3 ' F2C ' E ' BNNB3 2' B' @2' 4@KF4@' B ' !' * BH 'EE ' 2' ('B B ' 'EA' E' @2' 2' 1 'FA2E' I @ 4@' 3 ' 2M 3 3 ' I 2' C 'G' L2 2H2' @' ' @2' N 'G2A' '3' '' 4@ A' KEA2F' @ 3' CB @2F⍰3' 4 'F2!' B32' B' @ 3' CB @2F⍰3' @1C2' @2' BKEA2A' @2' CBE '3 2 G' B ' !' EAF2 I ' I @2F2' @2' A I 2 ' BF' C 'EG' G2 'F3' '3' '' CBEO ' 2CN BG2A' E' IF E1' @BC 23 ' 'EA' E' @2' 2E BGC2E ' B ' H 3 BE 'FG' 4BEH2F3' BE' I @' @2' F1 E ' I @BC' @2' L2 2H2A' B' 'E3 I 2F' @ C' E' N2F3BE' FBC' @2F' N 4T KF2' L2 BF2' I @ 4@' @2' OE2 !' ? B' @ 3' CBE '3 2FG' @2' NF2T 32E 2A' @ 3' B I E' NBF F' ' I @' @B32' B '@ 3' ' @2F' 'EA' CB @2F ' I @ 4@' I 2F2' NFBL 'L G' E' 2M 3 2E42' 7<<' G2 'F3' ' 2F' @ 3' A2' @' D 'EA' @ 3' NBF F' ' B ' @ C32 ' NFBL 'L G' KFE 3@2A' @' ' N24K 'F' GN2' B ' N@G3 B1EBCG' I @ 4@' I 2' F'42' E' ' ' @2' L23 ' F2NF2T 32E ' BE3' B '@ C!J ') KF E1' @2' 2' B 'N2E 'E42 EA' NBH2F G

I @ 4@' I '3' 2A' @2F2' LG' !' *F21BFG ' @2' 3B A' ' ' @ 3' 1BBA3' BF' @2' L2E2 ' B ' @2' NBBF ' F2 ' E E1' EB @ E1' LK ' '' 3 H2F' L '3BE' 1 H2E' @ C' LG' @ 3' CB @2F!' E2' A 'G' '' NBBF' 3@ N I F2402A' 3' BF' 4 ' C2' 32H2F ' ' C23' B' L21' E' @2' 42 ' I @2F2' @2' I '3' I F E1' 'EA' '3' @2' @ 'A' EB' CBE2G ' @2' 1 'H2' @ C' E3 2 'A' @ 3' BE2' F2C ' E E1' F2 '3KF2!' ' BE1' C2' ' 2F' ' *F21BFG' 3 ' I ' @2' 3 ' C2' 3@ N I F2402A' 3' BF' F2 'NN2 'F' E' @2' BFC' B ' @ 3' ' 1K 'FA 'E' 'E12 ' I@B' B A' @ C' @ ' ' *BA' @ 'A' @2E42 BF @' A23 E2A' @ C' B' FK 2' @ 3' 4@KF4@' 'EA' L24BC2' @2' 3K44233BF' B ' ' (2 2F ' I @B32' 4@ 'F G' @2' @ 'A' C ' 2A!

?' $ E' C B E2' % & ' \8< ' H ' ' C BE 2F' NBKF' ' ' NF2C 2F2' B 3' 3KF' ' ' 4@ ' F2' 'NB3 B SK2!' 2' C B E2 ' 2' N K3' K3 F2' A2' BK3' 42KM' SK ' BE ' 4B C N 2' N 'FC ' 23' 3BKH2F' E3' NBE 23 ' G ' F 'GBEE2F ' ' A◊KE!' 24 ' ' SK◊' K4KE' A2' 323' NF2A242332KF3' E◊' ' 21 ' 2' 2 ' SK ' F2 ' 2F ' ' 4BF ' C 2' KE2' 3 ◊ B E ' 3KNF2C 2 ' 3KF' ◊ E3 K 'ABE ' '23 ' 33K!' *F21B F2 ' 2' 32K ' N ' FC ' 23' @B C C 23' ' H24' 2' (' N2' 2BE' SK ' ' ' F28$' ' ' ' B 3 ' AK' 4BE32E 2C 2E ' KE H2F32k ' 2' ABKL 2' 3KF'" EBC ' A2' ' E ' 2 ' A2' *F ' EA ' 32F'' ◊2 2FE2 ' @BEE2KF' A2' ◊ FAF2' L2E4A 4 E' 4BC C 2' A2' ' ' N ' N ' K 2!' (' F' 3BE' 12E 2 ' C ' 3' 3KF BK ' N ' F' 2' 4@ ' EE2' 2 ' ◊ ' 342EA ' E ' A2' 3 ' ' H2F K ' ' BF1 'E 32F'' 2' ABC ' E2' 2C NBF2X' A23' N ' N23 ' ' A2H2 BNN2F'' 2 ' F21K ' F 32F'' 2KF' 3BKH2F' E2 2' 3N F K2 2 ' ' BEA2F'' 2KF' N ' 2FE2G2' 3KNF2C ' 2' 3KF' 23' FBG ' K 23' E ' 33 ' E 23' 2 ' 23' E ' BE3' EBKH2 23' SK ' HBE ' A2H2E F' 23' 1F ' EA3' N2KN 23"' A2' ◊ ' H2E F ' 2 ' 3◊ ' NN2 2F' '' F ' E42 ' ◊ 3N ' 1E2 ' ◊ E1 2 2FF2!' 'HF ' ' A F2 ' 4◊23 ' K ' SK ' E ' K1KF2' 2' CBG2E' '12 ' ''3B4 2 2' C BA2 C 2' 2 ' ''4 H 3' BE ' 4@F2 2EE2!J% $# "!R#'@! ?

@2' 4@KF4@' B ' ' *F21BFG' 3' 'NNFB ' 4@2A' LG' '' 4 B 3 2F2A' 4BKF ' 2A' I @' CBEKC2E 3!' E' @2' 2 ' 3' @ ' ' B ' F' A I 'FA' 'C2 ' BE2' B ' @2' 4BC C 33 BE2F3' B' BL ' E' @2' BN E BE' B ' BF2 1E' KE H2F3 23' F23N24 E1' @2' A HBF42' B ' 2EFG' !' "BC' ' @2F E2' B ' FF ' 1BE ' 'CL '33 'ABF' B' @ 'F 23' !' 'EA' ' 2F I 'FA3' B' @2' 4BKF ' B ' BC2!' 2' I '3' F24' 2A' Ik +E' @2' 2CL '33G' I '3' 3KNNF2332A' LG' P 'L2 @

' BE ' 2CL2F ' B E23' A◊ 44 A2E !

LK ' I '3 O2N ' ' ' BC2 LG ('K ' ! ' I@B @ 'A 4BE42 H2A ' ' 1F2 ' ' 24 BE BF @ C ' 'EA @2 A 2A @2F2 E \ ; ! EB @2F CBEKC2E ' B ' 'E 2M 2 BF @2 4' @B 4 ' @ ' 3 @ ' ' B ' BL2F ' (24@ 'C ' I@B A 2A \ ; - ' E34F L2A 0

? BL2F B' (24@ 'C' E1 B ' 2SK 2' 'KF' B ' (@ NN ' 2 ' 'F C' E1 B3' 2 ' 3N 'E' F21 LK3' B C' ' ' 4BE3 3' 12E2F2' F2 1 BE2' H F K 2' NF324 'FB' SK ' 4KC' N' F ' C' 3K ' C' ' ' 2A2' 4 ' @B 4 ''A2 4 2E 2C' 'A3N 42F2' 3 E2' 3KC CB' AB BF2' EBE' NB332 ' F2 4 3' BC E LK3' SK42' E' @ ' 4' H '' 4 ' F 33 C '' 2332' 3B 2E ' E' HB KE ' KC ' NFB 24 K3' 2M KC ' NB3 ' 32M' 'EE 3' N ' KN2F LK3' @F 3 X' @2F2A LK3' 23 ' C 2E B' E3 K 3 ' 3 ' E4 33 C 2' 2' H '' C 1F ' H !J

@2 @ F2LK ' E -7 : ' KEA2F F ' E4234B 2FF ' F ' @ '3 3 M 22E 'E4 2E ' 1F ' E 2 4B KCE3 'EA '' E2 NK3" 2M" 'EAF EKC N ' H2C2E ! CBE1 3 CBEKC2E 3 I 2 C 'G BL32FH2 @ ' ' 'FA E ' ' `KF ' ' '' 2 ' FE2A ' IF 2F BE 12BT 1F ' N@ 4 ' ' 3KL 24 3 ' I@B I '3 'LLB ' B ' @2 ' A B E E1 4BEH2E ! ' I '3 '' 4KF BK3 4@ ' F ' 4 2F 3 4 B ' @2 ' M G B ' CBF ' 3 E @2 C2 B ' UK K3 ! \<7" 7 ' @ ' ' @2F F 2EA3 A A EB ' @23 ' 2 B LKFG @2 'CBK3 3N ' 3 '' B ' @ ' ' '12 E @ 3 4@KF4@ ' 'EA B E34F L2 KNBE @2F BCL 0 ? CN2F ' ' 4BF 3 ' E '' BC 'E ' ' SK '2 A 1E '' 'E B EBC E2 ' F ' F '2 E 2F @BC E23 BFCU2 3N24 T C2E A2A ! M ' 'EEB3 MMH ! A 23 M ! BL ' \ ' A 2 \ K1K3 X J% LK ' @ 3 CBEKC2E ' @ '3 EB I ' L22E F2CBH2A!

' @2 2EA B ' @2 F 1@ ' ' 3 2 3 '' N 4 KF2 LG : 7$7# @ ' 4BCC2CBF ' E1 '' C F ' 4 2 BE @ 3 3NB ' I@2E ' ' ' @2 CBC2E ' B ' 2 2H ' BE ' @2 B3 ' 3 3 ' A B @ ' H2 L 2A E @2 @ ' EA3 B ' ! *F21BFG ' B 4BEH E42 'E KEL2 2H2F B ' @2 FK @ B ' F ' E 3KL3 'E ' BE! ' I ' L2 BL32FH2A @ ' ' E @ 3 'EA E CB3 ' B @2F F2NF23 2E ' BE3 B ' ! *F21BFG ' '' ABH2 3 N2F4@2A KNBE @ 3 3@BK A2F ' 'EA I@ 3N2F E1 E B @ 3 2 'F! @ 3 3 4BCC2T CBF ' H2 B ' @2 CNF233 BE @ ' ' 2H2FG I BFA 'E ' '4 ' B ' @2 3 ' E ' I '3 A F24 G E3N F2A LG @2 B G * @B3 0 '' L2 2 ' F3

2E12EA2F2A LG @2 @'NNG NFBCN KA2 B (2 2F @ 3 'F4@T A2'4BE I@B EH2E 2A @2 3 BFG B 3'H2 @2 L2 BH2A LF'FG B @ 3 C'3 2F I@ 4@ I'3 'LBK B L2 A23 FBG2A ' 2F @ 3 A2' @ LG @2 N2BN 2 E '' N K 3N F B F2H2E12 L24'K32 @2G 'E4 2A @' '' 'C E2 I@ 4@ I'3 A24 C' E1 @2C @'A L22E LFBK1@ 'LBK LG @2 2M F'H'1'E42 B *F21BFG! E ' 'F L2E2' @ @ 3 N 4 KF2 3 A24BF' 2A I @ C'FL 2 F2 2 3 F2NF232E E1 @2 3'C2 C F'4 2 'EA ' 3B @2 3 BFG B @2 3BK B @2 CN2FBF F' 'E L2 E1 F22A FBC NKF1' BFG LG @2 E 2F4233 BE B *F21BFG! @! !

B I ABBF E2'F @ 3 2'A3 E B @2 CBE'3 4 42 B ! *F21BFG 4BE ' E E1 @ 3 C'FL 2 4@' F 'EA @2 3NB I@2F2 @ 3 L2A 'G E34F L2A 0

? B4 2' A 2SK2' H 1 B' BE1B' @ 2' A2 233K' 'LBF2' *F21BF K3' CBA 4'' C2C LF'' SK 2 2' 2H' !J

2F2 ' 3B 'E CC2E32 4B 24 BE B C EK 2 F2 43 B 3' E 3 'F2 2MNB32A B @2 H2E2F' BE B @2 4F2AK BK3!

E @2 BNNB3 2 3 A2 B @2 4@KF4@ 3 @2 7#5 70 @79 # @2 LKE' N '42 B @' EBL 2 'C G CBA2FE P2A E ;1B LG 'F B 'A2FEB! H2F @2 ' 'F 3 '' 4BNG B EE L' 2 'F'44 (3 N 4 KF2 B ! *F21BFG I@ 4@ BE42 2M 3 2A @2F2 LK 3 EB I E E1 'EA! E @2 F 1@ 3 @2 N 4 KF2 B @2 'ABEE' ?' I@ 4@ 3NBO2 B ! *F21BFG J' 'EA I@ 4@ 3 3' A B @'H2 L24BC2 3KAA2E G CNF2332A KNBE @2 I ' ' 2F '' H 3 BE E I@ 4@ 3@2 'NN2' 2A B @ C% BE @2 2 3 '' L2'KT K C'FL 2 4 LBF KC!

2E42 '' 3'4F 3 'E I 'AC @2 H 3 BF EAV @2 G7 $ 30 7 #5 7 I@2E42 @2F2 3 '' 1F'EA H 2 I BH2F @2 BNT NB3 2 (' E2!

C'E(3 ' E @F 3 'E G'HB ! !

?' B'3 'EA' @2F2' BF' BE' @2' 3KC C 'B ' @2' 1@ 'B '3 2N3' I @ 4@' 2'A3' B' @2' NBF ' ' 'EA' BBO' '4FB33' B' @2' FK E2A' (' '42' B ' @2' '23'F3' C '023' @2' C EA' 1 AAG' I @' @2' FK3@' B ' @BK1@ 3!' %! !.' L2 BF2' K3' @2' (' ' E2' % N '1 'E' BC 2' E' @2' AK3 ▯ %! !.' @2' 2' 42 ' '' 2 I ' 22 ' 3SK'F2' I @2F2' 3 2N ' E' 3 '4O B @' @2' C 'E' I @B' 1 'H2' @2' '3 ' L B I ' B' @2' NB I 2F' B ' @2' '23'F3' 'EA' F3 ' 32 ' @ 3' BB ' '3' 3BH2F2 1E' BE' @2' 4F 'A 2' 'EA' 4 'N ' 'B ' @2 F' 1F2 ' E233!J % ' 3! $

2F2' 'F2' @F22' @'N2 3 ' F23 BF2A' LG' @2' @ 3 BF 'E' 'FT A E' ' 'FBE E3 ' E' @2' 3 M 22E @' 42E KFG!' @2' F3 ' B ' 07 ' #5 7 ' 4BE ' E3' '' F234B' B ' @2' C 1@ G' I @' '' 4@B F' B ' 'E12 3 ' LG' G8 $ ' 'EA' L2E2' @' ' '' L2'K K ' 3 ' K2' B ' @2' H2E2F' L 2' 3' E ' 23N24 ' G' EHBO2A' '1' E3 ' 4BEHK 3 BE3 ' LG' # ' $ % BE2' B ' @2' L23 ' 3 ' K23' B ' 3' E 3' E' BC2!' @2' 324BEA' 4@'N2 ' B ' 0 ' $ Y' 4BE ' E3' @2' I B' 'CBK3' F H' ' F234B23' B ' G8 $ ' 'EA' & 0 @ ' *K AB' @'3' F2NF232E 2A' !' EAF2 I ' 0E22 E1' E' F2H2F2E ' @'EO K E233' ' ' F3 ' 3 1@ ' B ' @2' 4FB33' BE' I @ 4@' @2' I '3' B' 3K 2F▯) BC2E 4@ EB% '' CBF2' N' E K ' 3KL 24 % @2' '12 ' BE' B ' @2' 3' E !' ' @232' N' E E13' EE L' 2' 'F'44 ' BL32FH2A' @' ' ?' *K AB▯3' I '3' @2' N' E E1' B ' @2' '3 2F▯ LK ') BC2E 4@ EB▯3' @2' N' E E1' B ' @2 ' 34@B 'F' I @B' 0E2 I ' CBF2' @'E' @2' C '3 2F!J' @2' L2'K K ' 1FBKN' B ' 1KF23' E' @2' 4BC2F ' I @2F2' '' 2FF 2A' 4@ A' 3' @ A E1' 3' '42' E' 3' CB @2F▯3 AF233 ' 3' E FBAK42A' E' 32H2F' ' B @2F' N 4 KF23' B ') BC2E 4@ EB!

? ' 3' '' I 2 "OEB I E' 'E24AB 2' @' '' NBBF' B A' I B C 'E' 3 BBA' BF' '' BE1' C2' L2 BF2' @2' 3 BFG' B ') BC2E 4@ EB ' NB E E1' ' BK ' L ' LG' L ' 'EA' 2MN ' E E1' ' B' '' 4@ A' I @B' I '3' I @' @2F % 'EA' @' ' 3@2' @2E' KFE2A' B' @2' 3 BFG' B A FG' *K AB ' 'AC F2A' @2' 'EA34 'N2 ' 'EA' I 2E ' ' I 'G!' ' 3' 'AA2A' @' ' I @2E' C L' 2' 'F'44 ' @2 'FA' B ' @ 3 ' ' 322C 2A' B' @ C' E' 32 ' '' 3K 4 2E ' F2 '3BE' BF' 1 H E1' @2' NF2 2F2E42' B' 1' BFC 2F' I BFO!' ' 3' ' 3B' 3 ' A' @' ' I @2E') BC2E 4@ E [' I '3' N ' E E1' BE2' B ' @2' 2M24KT BE2F3 ' @2' I BFO2A' @ C 32 'KN' E B' '' KFG' I @' @F2' 2E E1' I BFA3' 'EA

123 KF23' 'EA' @' ' EE L' 2' 3KFNF 3 E1'@ C' E' @ 3' 4BEA BE' 2CLF'42A' @ C' 3'G E1'; ⅈ) BC 2E 4B' B"A'G'GBK'@'H2' 'K1@' C 2''' 233BE' I@ 4@' 3' @' ''' N' E 2F ﬁ O2' 'E' BF' BF' CK3' F3' 22' @ C 32 ' @' ' I @ 4@' @2' I BK A' F2NF232E ' B' B @2F3!J % $2 .' H!' ,9!

?' E' @ 3 BF 4' ' N 4 KF23') BC 2E 4@ EB' 3' B 2E' 4B A' 'EA' 3 KA 2A' 23N2T 4 ' G' E' @2' NF E4 N' ' 3KL 24 ' I @ 2' BE' @2' B @2F' @ 'EA ' @2' 3KLBFA E' 2' N2F3BE3' @' H2' C K4@' 1F' 42 ' 'EA' ''EBL 2' 4@ 'F' 4 2F' B ' L2' K G!' @K3' E' @2' 34BKF1 E1' B ' !' EAF2 I ' '' 1FBKN' B ' I BC 2E' @FK3' L' 4O' LG' @2' 2M24K BE2F3' 3' B ' @2' @ 1@23 ' L2' K G!' * K AB⅊3' F234B' 3' B ' @ 1@' C 2F % ' !' EAF2 I ' BE' @ 3' I ' G' B' 2M24K BE ' 3223' @2' 4FB33' L2 BF2' @ C' E' @2' A 3 'E42' 'EA' ' 3' KNBE' @ 3' OE223' E' 'ABF' BE % @2' 2M24K BE2F3' 'EA' 3N24 ' BF3' F21' FA' @ C' I @' '3 BE 3@C 2E !J% &"!

@2' @ FA' 4@' N2 ' B ' 07 ' : 7 I7 7 ' 4BE ' E3' '' 1F' EA' 3 ' KZ' B ' !' * F21BFG' @ ?' # ' $ S-' I @2FZ' @Z' I @ 3N2F E1' ABH2' 3' '1' E' F2NF232E 2A ' 'EA' @Z' 'L 2' ' ' I @ 4@' @2' A' G' 2A' I 2 H2' NBBF' N 1F C3' ' 2F' I '3@ E1' F2 F' 22 !' @2' BC' E' LF2H 'FG' 2 3' @B I ' BE' BE2' B44' 3 BE' 'E' 'E12 ' 'NT N2' F2A' ' ' @2' 2' 3 ' '3' @2' @ F 22E @' 1K23 !' @ 3' 3 BFG ' % @2' 32EA E1' BF @' B ' !' K1K3 E2% 'EA' B @2F' 2H2E 3' B ' !' * F21BFG⅊3' 2 ' 'F2' F2NF232E 2A' E' FKA2' F234B23' KNBE' @2' I ' 3' LG') 5 7 =

@2' 'A B E E1' 5 0 CBA2FE ' 3' B ' H' 3 ' 3 P2 ' 'EA' 3' EB I ' B44KN 2A' LG' 'C ' AB 232' CBE03 ' @BK1@' E' @2' C2' B ' !' * F21BFG' ' L2 BE12A' B' @2' 2E2A 4 E23!' E' 3' 3 K' BE' ' 3' L2' K K ' 'EA' SK 2 ' 'EA' CK3 ' @' H2' L22E' 3B' 2H2E' E' @2' C2' B ' !' * F21BFG ' I @B' B 2E' F21F2 2A' @2' 324 K3 BE' I @ 4@' @2' I ' 3' 4BCN2 2A' B' SK !

?' $ E' BKF ' N K3' ' 44 ' L 2' SK2' 'C ' 3' N ' F' 2' NB A3' A23' ' ' F23' 324K F23 ' ' 3⅊2 ' ' F2 F2' A ' E3' KE' 2K' 324F2 ' NBKF' 3⅊G' HF2F' A ' E3' KE' BE1' 3 2E42' ' ' 6

' BC 2' NB3323 3' ' ' 2 ' 3 ' 2 1@ ' E2' CBA2C' 3 ' K23' B ' 3 ' E 3' 0" r L23 A23' @B32' B ' '! H ' ' 'EA' ! * F21BFG ' ' F2' @2' '! 1E23R' B ' 1 ' FA ' @2' '! L ' E' ' B ' 2FE E ' @2' '! 24 '' B ' 'A2FEB ' @2' A ' K3' EE' ' B ' > K23EBG ' @2' '! 'F E' ' B ' 2E1@ EB ' 'EA' @2' ! FKEB' B ' BKABE!

3'' F 3 2332' 2 ' G' K ' F2 B E ' N'F' 2' A '4F2' (2FF2 ' 3BE' 2 2H2 ' 3BE' 'C ' A◊2E 'E42' 2 ' 2' 4BCN'1EBE' A2' 323' 4@2F23' 2 KA23!' /' BK3' 23 " ' ABE2' 'FF H2' SK2 SK2' 4@'1F E' EBKH2'K ◊' K ' A ' 2' 2KE2' @BC C 2 ' / NBKF' SK2' HBK3◊3BG2P' ' E3 ' N K3' F 3 2' SK◊'' ◊BFA E ' F2!◊' / BE' 4@'1F E ◊' K ' F2"' NBEA ' 2' NBE 2 ' / 23 ' 42 K ' A2' BK3' C 23' BKF3 ' BK BKF3'H 2KM' N ' F ◊K3'12 ' 2 ' BK BKF3' EBKH2 'K' N ' F' 3 '' 4FB 33 ' E42' SKB A 2EE2!' '' N ' KHF2' C2' 32' F'NN2 2'42'SK◊2 2'2 ' '' K F2 B 3 ' A ' E3' EB F2C BE ' 3 2F2 ' SK ' EA' 2 2'N 'E' ' 3KF' BK ' 42' SK ' N ' 332 ' 3KF' BK ' 42' SK ' 4@ ' E12' D' SK ' EA' 2 2' E2' 3BE12' ' SK◊' K' A 2 D' SK ' EA' 2 2' F ' E4@ 33' ' N ' F' '' 4BE 2C N ' BE' 2' 4 B F2' A2' 42' 4BFN3' SK ' ◊2E32FF2' D' SK ' EA' 2 2' ' C ' ' A◊' H ' E42' '' C BF ' 4BC C 2' ◊2E F22' A2' ''H 2!' ' C ' E 2E ' E ' ' K ' 'K ' '' 4 ' K32' A2' C '' 4@ ' F12' N ' 3 BF ' 2 ' 3KNNBF 2F' 23' C 2' ' ' F23' A23' @BC C 23' AK ' 3 24 2' 2 ' 32' 3BK 2F' A ' E3' 42 2' NBK33 2F2!' ' SK ' EA ' 'NF23' 3◊2 F2' ' E3 ' F2N ' EAK2' 'K' A2@BF3 ' 2 2' H2K ' F2 FBKH2F' 3 '' F2 F ' 2' E 2F 2K ' 2 2' E◊G' F2H 2E ' SK◊' C B EAF 2!' U2' C 2A 2' 3KF' BK ' 42' SK2' 2' 3BK F2' 2 ' 3KF' BK ' 42' SK2' ◊' ' N2FAK!' 2' HB A ' L ' K' N ' F' ◊B42' E' 2 ' BK ' LF 32' N ' F' '' 2C N2 2D' SK ' EA' 2' N2E32' '' C '' H 2' A◊' K F2 B 3 ' ' C 2' 32 CL 2' F21 ' FA2F' 2E' ' FF 2F2' H2F3' 2' F H ' 12!' ' 42' SK◊ ' G' '' A2' N K3' F 3 2 ' 2◊23 ' SK◊' E3 ' L ' B 2' N ' F' ◊BF ' 12 ' 2' NK 3' '' N2 E2' 2E F2HB F' 2' NBF ' SK2' ◊' ' SK 2!◊' J % $# "! 3 ! #.' $! ' ' -- 5!$#

(BN2' *F21BFG' 5 !' I '3' BF' 3BC2' G2 'F3' 'LLB ' B ' @ 3' 4BEH2E ' B' I @ 4@' @2' I '3' ' 2F I 'FA3' '' 12E2FBK3' L2E2 '4 BFD' % F21F2 E1' ' I 'G3 ' O2' @ 3' 1F2' ' NF2A24233BF ' @2' N2 '42' B ' @ 3' CBE '3 4' 2!' 3' '3 ' I BFA3' B' @ 3' 4 'FA E ' 3 ' I 2F2' CN BF E1' @ C ' BF' NB 4' ' NKFNB323 ' B' 4BE42' ' ' @ 3' A 'E12F ' I 2F2' 3 E1K 'F G' 2MNF233 H2' B ' @ 3% ?' (2F') B' '34 ' 2C X% ' HB1 B' CBF F2' A'' F' 2 ' EBE' A'' 3BHF' EB!J' @2' '3 ' 1F2' ' 42F2CBEG' 2E '4 2A' ' ' ! *F21BF B' I '3' I @2E' 'FA E ' ' 32T C 'E' 4BE324F' 2A' @2' C F2A' 'LLB ' B ' E1 3@' 3 2F4 'E3 ' %) F!' 'EE E1' NF2 '4@ E1' ' ' @2' 3 ' C2' C2' BE' @2' NFB3N24 3' B ' E1 3@' ' @B 4 3C!

342EA E1' @2' 3 22N' N ' H2A' 'E2' L2 I 22E' ! *F21BF B' 'EA' @2' ('F4B ' @2' N 4 KF23SK2' 4@KF4@' BE' @2' 2 ' I @' @2' 'F4 'A2A' 'N32' 'EA' ' ' 4 ' CN 'E 2' 4!' &' 9<; ' E ' A' I @' 4B BKF2A' 23' 'EA' C 'FL 23 ' 3' @' ' B ' ' G 5700 ' ' ! 7 #

I B B 42F3 E @2 @BK32@B A B @2 @F 3 'E NF E4233 BE3 'E ' A'K1@ 2F B @2 CN2FBF BE3 'E E2 E I@B32 C2 @2G B44KN 2A '' NB3 BE B 1F2' E K2E42 'EA FK3 ! @2E UK 'E @2 NB3 ' 2 4'C2 B @2 @FBE2 @2 ' 2CN 2A B N2F3K'A2 @2C B 3'4F 42 B AB 3 LK @2G F2 K32A 3'G E1 ?' KF H23 'F2 ' @2 A 3NB3' B @2 2CN2FBF LK BKF 3BK 3 'EA BKF ' @ L2 BE1 B BKF * BA!J @2E UK 'E 2'F E1 B LF E1 @2C B NKL 4 C 'F GFABC 23 @2 F NBNK 'F G 3@BK A 4'K32 '' F2L2 BE 'EA @2 2M'CN 2 B @2 F I2 "0EB I E BF KA2 L2 'E 2E4BKF'12C2E B B @2F3 32E B 3B A 2F3 B L2@2'A @2C 'NF H' 2 G ! E @2 F BIE @BK32! 2E42 @2 E34F N BE BE @2 3NB ?' B4K3 C 'F GF ! UB'EE 3 2 ('B E '2A LK3 NFBNF 3!J @2 4@KF4@ I '3 LK LG ('CC'4@K3 @2 F 2EA B ! U2FBC2 BE @2 3 2 B @2 @BK32 B @2 3' E 3! 3 2E 2F2A LG '' NBF 4B 'ABFE2A I @ 2 1@ 'E4 2E 1F'E 2 4B KCE3 E 2F23 E1 '3 @'H E1 L22E 2F24 2A LG @2 E1 3@ NBN2 4@B '3 F2'O" 3N2'F !) ! \ , ! @2 E 2F BF E @2 L'3 4'' BFC @'3 3 M 22E 'E4 2E 4B KCE3 'EA '' L2'K K NK3" 2M'E" AF EKC 'N'H2C2E ! E @2 42E F2 B @2 BBF 3 '' 3 BE2 F' 2A B KNBE I @ 4@ 3 3' A @' @2 3' E 3 I2F2 L2T @2'A2A! @2 F LBA 23 'F2 4BE ' E2A E '' NBFN@GFG KFE KEA2F @2 @ 1@ ' 'F! E 2'F G C23 @232 I2F2 @2 BE G LBA 23 B 3' E 3 NF232FH2A I @ E @2 I' 3 B BC2 @2 F23 L2 E1 E @2 4' '4BCL3 ! E @2 '4F'C2E 'FG B ! 2B E @2 (F2 '42 B ! UB@E 'EA ('K 3 3' A ?' @G C2F4 K NFBH A2E42 @BK @'3 HBK4@3' 2A B 4FB I E EB BE G @2 4 F4K B @2 4 G I @ @2 1 BF BK3 N'33 BE3 B @2 C'F GF3 LK ' 3B B @ A2 E @2 H2FG @2 'F B @2 4 G 32 @2 H 4 BF BK3 C 3 B ! UB@E 'EA ! ('K !J

' 22 BC'' B 2FF'E2'' N! <;!

LBH2' @2' F LKE2' 'F2' F234B23' LG' ! 70 $ ' ' 3N 2EA A' 4@'N2 ' BE' @2' F 1@ ' I '3' LK ' , ; , D% I B' B ' 3' ' 'L'3 2F' N 'F3' I 2F2' @2' 1 ' B ' (K3' 5!' 2E2' @' @2' ' 'F BE' @2' 2 ' B ' @2' F LKE2' 3' NF232FH2A' @2' 2CL' C2A' LBAG' B ' ! ('K ' B ' @2' FB33' I@B' A 2A' - - ; ' BKEA2F' B ' @2' FA2F' B ' ('33 BE 3 3 ' I@B' E@'L ' @2' 'A B E E1' 4BET H2E !' @2' '12A' '42' L2'F3' '' L2'K K ' 2MNF233 BE' B ' F2NB32D% @2' LBAG' 3' AF2332A' E' @2' FBL2' I @ 4@' 4 B @2A' ' I@2E' H E1!

' 2' H 3 BF3' 'F2' 'AC 2A' @FBK1@' @2' 4BEH2E ' B' 3' 'F12' 'EA' L2'K K ' G@ $ ' I @ 4@' BH2F@'E13' @2' 3 22N' 3 A2' B ' @2' 42 'E' B I 'FA3' @2' B 32KC' B ' I @ 4@' @2F2' 3' '' E2' H 2 I ' L2 I 22E' 3' 'E4 2E ' 4GNF23323!' 2F2 ' BE' '' 3 2' E2'F' ' CBE'3 2FG ' 'F2' 3BC2' F2C ' E3' L2 2H2A' B' L2' @B32' B ' @2' 2CN 2' LK ' LG' 1F NN E'' F!' & ' @ 0) ' A'K1@ 2F' B ' *2FC'E 4K3 ' B' @2' @BEBKF' B ' @2F' A2 2A' @K3L'EA' 'EA' KE4 2 ' 'KA K3 ' ' 2F' 3@2' @'A' 32E ' @ C' B' GCNK3' LG' 22A E1' @ C' I @' NB 3BEBK3' CK3@FBBC3!' @ 3' 2CN 2' I '3' NK 2A' AB I E' LG' 2Fh ' I @B' I 3@2A' B' 2 '42' @2' C2CBFG' B ' @ 3' NF2A24233BF ' BE' @2' NF2 2M ' @' ' ' E 2F 2F2A' I @' @ 3' * B A2E' BK32D' LK ' I '3' F2LK ' KEA2F' 23N'3 'E!' E' @ 3' 1'FA2E' ' 3B' 3' @2' 2E F'E42' B' @2' H'3 ' 3KL3 FK4 BE3' OEB I E' '3' @2') 57 8 ' I @2E42' @2' I A' L2'3 3' I@B' A2HBKF2A' @2' 2'F G' @F 3 'E' C 'F GF3' I2F2' F 1@ 2E2A' LG' LKFE E1' B I ' AB I E' '' 3KL 2FF'E2'E' N'33'12' E B' @2' 'F2E'!'

@2' 'CBK3' 4@KF4@' B ' ! * BH'EE ' 2' ('B B' ' ' 2E 42' I '3' BKEA2A' LG' 2C 1F'E 3' FBC' @ 3' 4BEH2E !' @2' C2CBFG

' ?) 2K3!' SK ' 3 'E4 KC' UB 'EE2C' 4BE 233BF2C' KKC' N2F 24 3' 3R 22' 'L 21' BE 3 ' 2 ' 4FK4 3' 'C ' BF2C' 2M C KC' 2 4 3 ' 4BE42A2 ' K ' 2 K3' C ' BE ' K1 2F' E@'F2E 23 ' 1 BF 'C' '332SK' CKF' 32 2FE' C MW ## 0' ' 0 ' @ ' '0@ ' 66-' 7 ') 69 (D

B ‘ @232‘ 3' E 3‘ I '3‘ 3B‘ CK4@‘ @BEBKF2A‘ KN‘ B‘ @2‘ C2‘ B ‘ (BN2‘ *F21BFG‘ @2‘ *F2' ‘ @' ‘ @2‘ 2H2‘ B ‘ @2 F‘ 23 H' ‘ I '3‘ 'E‘ BL 1' BFG‘ '3 I‘ @2 F‘ 2 2‘ UKE2‘ 9; ‘ 3‘ 3 ‘ O2N ‘ I @‘ 1F2' ‘ 3B 2CE 23‘ BE‘ @2‘ B2 'E ‘ I @2E‘ @2‘ F' E1‘ FBKEA‘ @2 F‘ N '42‘ B ‘ 2M24K BE‘ 3‘ F I 2' @2A‘ 'EA‘ 'A2E‘ I @‘ B I 2F3I‘ @2E‘ @2‘ ?‘ 3 ' BE‘ J‘ 3‘ @2 A‘ ' ‘ @2 F‘ 4@KF4@ ‘ @2‘ 'N32‘ 3‘ KC E' 2A!

BE EK E1‘ B‘ B B I ‘ @2‘ 'E2‘ KN‘ @2‘ 42 'E ‘ I 2‘ F2 '4@‘ @2‘ F 4@ G‘ E 2A‘ LF 4O‘ @‘ ‘ & #7I 007‘ 2F24 2A‘ & ' +9 ' LG‘ @2‘ 4BE3K 3‘ (I‘ BFE2 K3‘) B 'L2 '‘ 'EA‘ * ' E3‘ UK K3‘ 'EK3I‘ 2FB ‘ LK A E1‘ @ 3‘ 'SK2AK4 ‘ B‘ @2‘ N' '42‘ B ‘ @2‘ '23'F3 ‘ C 'A2‘ K32‘ B ‘ @ 3 ‘ I @ 4@‘ ' F2 'AG‘ 2M 3 2A ‘ 'EA‘ ET 4 KA2A‘ ‘ E‘ @ 3‘ E2‘ B ‘ 'F4@23!

LBH2‘ @2‘ 'F4@‘ 3‘ '‘ > 07% ‘ F2H2F2A 3‘ @' ‘ I @2F2‘ I‘ * BH 'EE ‘ A ‘ ' @'‘ H2A ‘ 'EA‘ I @2F2‘ @2‘ A 2A‘ E‘ 9 7I‘ 2 BF2‘ @2‘ 4 'C2‘ B‘ F23 A2‘ @2F2‘ @2‘ @ 'A‘ L22E‘ C F '4K BK3 G‘ LFBK1@ ‘ FBC‘ KE 3‘ I @ @2F‘ @2‘ @ 'A‘ 1BE2‘ BE‘ '‘ C 33 BE ‘ B‘ 3 ' ‘ E‘ '‘ LB' ‘ I @BK ‘ @2 C‘ BF‘ 3' ‘ E‘ I @ 4@‘ @2‘ OE2 ‘ I @BK ‘ 42A E1‘ L2 BF2‘ @2‘ 4FK4 M‘ @FBK1@BK ‘ @2‘ I @B 2‘ B ‘@ 3‘ HBG ' 12X

('33 E1‘ L2E2 ' @‘ @2‘ 1' 2I 'G ‘ I 2‘ 2C2F12‘ KNBE‘ @2‘ N 4 KF23SK2‘ FF21K 'F‘ ('PP'‘ B ‘ @2‘ 'H 42 ' ‘ @2‘ 42E F' ‘ NB E ‘ B ‘ @2‘ 42 'E ‘ I @ 4@‘ 3‘ 3KFFBKEA2A‘ LG0'‘ CB3 ‘ E 2T F23 E1‘ 1FBKN‘ B ‘ LK A E13 ‘ 'EA‘ I @ 4@‘ 4BE ' E3‘ 'E‘ 3B ' 2A‘ F'1C2E ‘ B ‘ @2‘ 'SK2AK4 ‘ B ‘ 2FB ‘ A2'F‘ B‘ 'F 3 3‘ FBC‘ 3‘ 4B BKF!‘ 2@ EA‘ @ 3 ‘ KEA2F‘ @2‘ F223 ‘ 3‘ @2‘ 2‘ C 'FL 2‘ 75 #7 ‘ I @ 4@‘ 3‘ 3KNNB32A‘ B‘ @'H2‘ L22E‘ BF 1 T E' G‘ '‘ HB H2‘ B 2F E1‘ B ‘ '‘ 3' BF‘ B‘ UKN 2F‘ 2AKM ‘ I @B32‘ 2C N 3 BBA‘ E2 'F‘ @ 3D‘ LK ‘ I @ 4@‘ I '3‘ 'A 'N 2A‘ LG‘ 2B‘ V ' '3‘ '‘ @F 3 'E‘ 2CL 2C‘ B ‘ @2‘ @KF4@ % @2‘ LB' ‘ B ‘ I‘ (2 2F!

? @2' ' 21BFG' B ' '' 3@ N' 3' N24K 'F G' A I 2 ' KNBE' LG' @2' 'E4 2E ' ' @2F3!' '3@ N' 2E 2F E1' @2' NBF ' I ' 3' '' 'HBKF 2' @2 ' @2E' 2C L 2C' B ' @2' 4 B32' B ' 2!' K ' @2' @F 3 'E' A2' ' 'EA' 3' 2 2H' BE' FBC' EA H AK' ' B' KE H2F3 ' ' BF' 4 ' @B 4' @KC 'E G ' 3' A2F H2A' A F24 G' FBC ' @2' L 2 % ' 322 ' BF' E3 'E42 ' ' (2 2F' !' 9<' 9 !' / @BK 'ABKL (' 3 'G3' !' K1K3T E2 ' / @2' 'FO' 3' @2' 1KF2' B ' @2' 4 G' B ' * BA' N 1 ŧ C 3 E1' E' @ 3' I BF A ' E' B @2F' I BFA3 ' B ' @2' @KF4@ ' I @ 4@' 3' 3 'H2A' LG' @2' I BBA' BE' I @ 4@' @KE1' @2' C 2A ' BF' L2 I 22E' * BA' 'EA' C 'E ' @2' C 'E' @F 3 ' U23K3!(' @2' 3' C2' E 2FNF2 ' BE' I ' 3' F24B1E 32A' E' @2' ' E' @KF4@' FF @2' A ' G3' B ' 2F K 'E' 'EA' !' GNF 'E ' &4!' @2' L ' FO' B ' !' (2 2F' 3' 3 C 'F G' F2NF2T 32E 2A' BE' '' * F22O' 12C LKEA' E' @2' ' '4BC L3 ' '3' 3 ' E1' BE' '' 3@ ' NFBL ' L G' 2H ' @ ' E' BF' ' 'E ' I @ 2' ABH23 ' 2C L 2C ' 4' ' B ' @2' ' @ K ' N2F4@' BE' @2' C '3 ' 'EA' 3 2FE % I B' NB3 23' FB I ' '' @ FA' 3' KN' @ 3' @ ' EA3' E' NF' G2F' ' EA' BKF' 'H BKF ' 'N FB' 4@ E1' @2' H2332 ' 3KNNBF 3' (2 2F' LG' @2 @ ' EA' I @2E' ' LBK ' B' 3 EO!!!!!!!!!!!!!!! K ' @2' ' 21BFG' B ' @2' 3@ N' 3' 4 ' FF 2A BK ' B' 3' K 23 ' 2M 2E ' E' @2' G"32H2E @' 4@ ' N 2F' B ' @2' 324BEA' LBBO' B ' @2' / NB3 B 4' ' BE3 K BE3 (' 3KNNB32A' B' @ ' H2' L22E' 4BC N 2A' E' @2' E' C2' B ' @2' NB3 23 ' E' @2' BKF @' 42E KFG > (5' $5 7 ' % # $ #:' ! ,!

E' @2' F 1@ ' 3' F3 ' @2' 1' 2 I ' G' B ' @2' A232F 2A' 4BET H2E ' B ' 2A2C N BF 3 3 ' 4' 2A' ' 76 ' ' E 6 ' I @ 4@' I '3' BKEA2A' LG' !' * BH' EE ' A2' ' @' ' I @B ' I @2E' 42 2T LF' E1' @ 3' F3 ' C '33' ' ' ('F 3 ' L2@2 A' E' ' H 3 BE ' ' ' 'E12 ' FBL2A' E' I @ 2 ' I @' '' F2A' 'EA' L K2' 4FB33' KNBE' @ 3' LF2 ' 3 ' 'EA' @ 3' @ 'EA3' F23 E1' E' L2E2A 4 BE' KNBE' @2' @2 ' A3' B ' IB' 4 'N H23 % '' I @ 2' 'EA' '' L '40' C 'E!' @2' L 3@BN' B ' ('F 3' 32E ' @ C' B' BC2' B' 3220' 2MN 'E' BE' FBC' EEB42E ! ' I @B' I '3' 42 2LF' 2A' '3' 'E' E 2FNF2 2F' B ' AF2 ' C 3 % @ 3' BKEA' BE' B ' @2' F 'E4 34 'E' BF4 2F' @ 'H E1' F23K 2A' FBC' BE2' I @ 4@' L2 2 ' @ C!' !' * BH' EE ' I '3' '44BC N 'E 2A' B' @2' NBN2' LG' 'EB @2F' @2FC ' 2 M' A2' ' B 3!' @2G' BKEA' @' ' EEB42E ' @ ' A' @ C32 ' 322E' @2' 3' C2' H 3 BE' B ' @2' 'E12 ' L2 I 22E' @2' I B' 4 'N H23' I @ 2' 42 2LF' C1' C '33' ' ' @2' ' 2F' E ' 'EA' @2' E 2FNF2 2A' ' '3' E4K 4' E1' @2' AK G

'EA' ! ' $ #)7%7' 2E2' @' @2' 4BE 233 BE' ' 'F2' @2' LBE23' B ' '!' ' L E' ' I@B32' BF F233" O2' 4@KF4@' 3 'EA3' BE' @2' (32KAB" H2E E2!' E' @2' F LKE2' 'F2' 4KF BK3' CB3' 43 ' E' I @ 4@' @2' 1KF2' B ' (BN2' ('34@' ' !' 3' E FBAK42A ' @2' 3SK'F2' E CLK3' FBKEA' @ 3' @2'A' L2 E1' 'E' 2H A2E42' B ' 3' NBF F' ' 4@'F'4 2F' ' @' ' ' I '3' ABE2' AKF E1' @ 3' 2T C2!

?' @ E' @2' F LKE2' F2' CB3' 43' B ' @2' F1 E' 'EA' @ A' 32' 2A' BE' '' @FBE2' I @' 'E12 3' F'E12A' E' F21K 'F' FB I 3' BE' 2'4@' 3 A2'D' 'EA ' '@2F' 22 ' I @' KE3N2'O'L 2' 3 E233' B ' CL ' @2' 0E22 E1' 1KF2' B ' (BN2' ('34@' ' !' $NBE' @2' I ' 3' B @2' F LKE2' 3' @2' 'H BKF' I @' '' E CLK3 ' 3KFFBKEA2A' I @' I B' 'E12 3' 'EA' @2' I 2 H2' 'NB3 23 ' 'EA' KF @2F' L2 B I ' BE' '' CK4@' 'F12F' 34' 2 ' I B' NFBN 2 3 ' I @B' 'NN2 'F' B' NB E ' B I 'FA3'@ C!' @2' CB3 'F2C 'FO'L 2' @ E1' @2F2' 3' @2' F 4@' B '12' A24BF' BE!' 23 A23' @2' I F2' @3' B ' B I 2F3' B @2F I 32' EB ' '' F'F2' 2' KF2 ' I @ 4@' 'F2' 1FB I E1' BK ' B ' I B' H2332 3' RE' @2' 2A12' B ' @2' ABC 2 ' @2' BBF' L2E2 ' @' @2' 1KF23' ! 3' ' 3B' A24BF' 2A' I @' B I 2F3% '' 1F'42 K ' 3N24 23' B ' BFE ' C 2E ' 32 ABC ' ' C2A' ' ' E' @2' CBFB32E233' B ' GP'E E2' 'F !' FBC ' @ 3' NB E ' @2"' A24 E2' E B'K 2F'L'FL'F 3C' 3' F'N A!'J% ##&"!

? @2' H2 'E' CBEO3' E@'L 2A' @2' 4@KF4@' 'EA' 4 B 3 2F3' B ' 'n!' 'F '' E')BC 2E 4' ' 4BC CBE G' 4' 2A' E' 'H 42 2 ' FBC ' ' FKA2 G"' 34K N KF2A' C 'FL 2' CBEKC 2E ' @' ' 3 'EA3' BE' @2' 1F'33' L2 BF2' 3' NBF ' ' '' F2CE'E ' B ' LG1BE2' A 'G3 ' B' I @ 4@' E2 @2F' @ 3 BFG' EBF' F'A BE' @ '3'!' 1 H2E' '' E' C2 ' LK ' I @ 4@' @'3' 32 ' 1 H2E' BE2' B' @2' N 4 KF23SK2' B A' 4@KF4@' I @ 4@'3 'EA3' BE' @2' LFB I ' B ' @2' B2 'E' >(5 ' 6! & $ ')1"'! # $'

' F'A BE' B ' @2' @KF4@' E'FF' 23' @' ' !' BF2EPB ' A2'4BE' 'EA' C 'F GF ' A' G' A 3 F LK 2A' ' C3' B' @2' NBBF' E' FBE ' B ' @ 3' 4@KF4@% @2E' @2' @BK32' B ' '!' GF '4 '% I @ I @BC' @2' @ 'A' '02E' F2 K12!

NNB3 2 ' 3' @2' FBKEA' @8 @' ' ' 0 7 ' ! # $$

' ' 3SK'F2' E CLK3' EA 4' 23' @' ' '' NBF F' ' I '3' 2M24K 2A' !, !:'' FBKEA' 7 0 ' @2' A2' @' B V @2' N2F3BE' F2NF232E 2A!

!' !' 5

A2A 4 ' 2A' LG' !' CN 4 K3' E' : ; -!' ' 'NN2 'F3' B' @ 'H2' L22E' LK ' BE' @2' 3 2' B ' 'E' 'E4 2E ' 4 F4K 'F' LK AT E1 ' 'EA' B' @ 'H2' L2 BE12A' B' @2' 1F2 ' ' H 4 K ' ' C 'FO2 % ' '42 KC' '1EKC% 2F24 2A' LG' 2FB' E' @ 3' SK 'F 2F! ' ' 3' 32 ABC' K32A' BF' 32FH 42 ' 2M42N ' BE' !' 2N@2E\3') 'G') 242CL2F' 9; ' LK ' H 3 BF3' 'F2' 'AC 2A' @FBK1@' ' ' 2' 4 B 3 2F ' E' I @ 4@' 3 'EA3' '' I 2 ' B ' L2 'K K ' NFBNBF BE3 ' B ' 2CN!' 2B!' 5!% ' F LK 2A' B' 4@ '2 ' E12 B!' @2' E 2F BF' 3' 2M422A E1 G' 4KF BK3' 'F4@ 24 KF' G!' ' 3' BE2' @KEAF2A' 'EA' @ F " @F22' 22 ' E' A 'C2 2F ' I @' '' ABKL 2' 4 F4 2' B ' 1F 'E 2' 4B KCE3 ' @ F G"3 M' E' @2 BK 2F' 'EA' I 2E G' E' @2' EE2F' 32F 23 ' 2E4 B3 E1' IB' ' ' BF E @ 'E' 4B KCE3 ' I @' IB' N '3 2F3' 3KNNBF E1' '' 4FB33' I ' !' E' @2' 42E F2' 3' '' O EA' B ' 2CN 2' E' I @ 4@' 'F2' F2 43' B ' !' 2N CE' @ 3' LBAG' 3' 3' A' B' L2' ' ' !' BF2EPB !' E' @2' 2E F 'E42' B ' @2' 4@KF4@' 3' 'E' 'E4 2E ' C 'FL 2' 32' ' FBC' I @ 4@' !' * F21BFG' 3' 3' A' B' @ 'H2' F2 'A' @ 3' BKF @' @BC G!

@2' I ' 3' 'F2' E2A' I @' F234B23' LG' ! 7 ' 'EA' 9 607 ' @2 ' L21 E' I @' @2' FK4 M BE ' LK ' '3' @2' B G' EEB42E 3' F2' G' 3K 2F2A' L2 BF2' BKF' 'H BKF ' BE2' B ' @2C' 3' F2NF232E 2A' G E1' BE' 2 '4@' 3 A2' B ' @2' 4FB33!' 2M ' 4BC23' @2' 3 BE E1' B ' !' 2N@2E ' 'EA' @2' F234B23' 4BET EK2' B' NBKF F 'G' 2H2FG' N@ '32' B ' @KF1 'E' '1BEG' E' @2' CB3 ' F2HB E1' A2 ' ' LK ' 'F2' E 2F23 E1' '3' 3@B I E1' '' @ 3 BF 4 ' ' 32F 23' B ' I @ ' ' @2' BC 'E" ' @B 4' @KF4@' 4BE3 A2F3' '3' @2' L23 ' 'K @2E 4 ' 2A' C 'F G BC3 ' H P!0%

' 22' C 2' F 'KE% @2' LK A E1' B ' @2' '42 KC' 3' A234F L2A' LG') BE' '33 K3 ' M!' ,D' B ' ' 21!' !

"! /) ' ' "7 7<-

6 !' (2 2F' 4FK4 2A!
!' ('K ' L2@2'A2A!
!' ' 2 ' LKF 2A' ' H2!
!' @2A' ' B332A'LG' ''LK !
$EA2F' 2FB' !' !' W !' *2FH'32' L2' 2E' B'A2' @!
!' (FB '3 K3' (FB4233K3' 'EA' 'F E 'EK3' L2T @2'A2A!
!' 'K3 K3' 'EA'B @2F3' 4 B @2A' E' 3O E3'B 'L2'3 3' 'EA' BC' B'N 2423'LG'AB13!

6 !'UB@E'LB 2A' E'B ' I@4@' @2' 3KFH H2A ' ' ' @2' (BF '' ' E'!
3 !' 2 K3' (BN2' L2@2'A2A!' =
$EA2F')BC 'E! !') 2E^'L2@2'A2A' 'EA'4'FFG E1'@ 3'@2'A !

!') BC ''FB'3 2A'' H2!
!' 2F2K3'EA' 4@ 23'L2@2'A2A!
!' 1E' K3' 3@BN B E B4@ 2'' 2E'LG' BE3' E' @2' B 32KC!
$EA2F' F' 'E' !' F !' 2C2E '(BN2' 2A' B''E''E4@BF' 'EA' @FB I E' E B' @2'32'!
!' CBE' 3@BN'B 'U2FK3' 2C '4FK4 2A!

(!' K3 '4@ B'@ 3' I 2' @2B 3 ' ' 'EA' 3' 4@ T AF2E' 1'N '' 'EA' @2BN@ 3 ' ' LKFE ' E' '' LF'P2E'LK 'L2 BF2' @2' B 32KC!
$EA2F' 'AF 'E' !' !' 2M'EA2F' (BN2' L2@2'A2A!
!' E BFB3'' AFB I E2A' 'EA' @2F' 32H2E'3BE3' C 'FT GF2A' E'H'F BK3' I 'G3!
!' (K3' (BN2' L2@2'A2A!

G !' 2 4 '3' 'EA' 2F' 32H2E' 3BE3' C 'F GF2A' E' H'F BK3' I 'G3!
$EA2F' E BE EK3"' (K3'EA' 'F4K3' !' UK3 K3' L2@2'A2A!
= KF2 K3!' ! !' 'F1'F2 ' 3 F2 4@2A' BE' '' F'4O' 'EA' BC' B' N 2423' I @' FBE' BFO3!

$EA2F' E BE EK3' ' B3 4A'LG''LK ' E''E2 !
'EA' 2F'3' ' !A' K3' FB'3 2A' BE' F2A"@B '4@' F!
!' (B @ 4K3' 'EA'B @2F3' LKFE '' H2!

$EA2F' 2N FC K3' 2H2FK3' 'EA' 'F'4' '' !' !

!' (2FN2 K'' 'EA' 2 4 '3' BC' B'N 2423' LG' BE3' E' @2' B 32KC!
!' 4 BF' 'EA' `2N@GF EK3' 2BE A'' 'EA' '3 ' L2@2'A2A!
!' 2M'EAF E'' 4BH2F2A' I @' LB E1'N 4@!

$EA2F' 2M'EA2F' 2H2FK3!' !' !

!' ' M K3' (BN2' @FB I E' E B' '' I 2 ' I @' '' 3 BE2' FBKEA' @ 3' E240!' =
!' ' 2NBA K3' AF'112A' @FBK1@' BC2' LG' I A' @BF323' 'EA' @FB I E' E B' @2' L2F
!' 'F E'' BFE' I @' FBE' BFO3!
!' 24 '' I@B' ' E1' B' L2' 3K B4' 2A' I @' @B' I ' 2F' I '3' 3 'LL2A' E' @2' @FB' !
!' $FL'E' @2' (BN2' L2F K3' ' 2F 'EK3' 'EA' 'M CK3' L2@ A2A!

$EA2F' ' 2F 'EK3' 'EA' * ' 2EK3' !

!' (BE 'EK3' (BN2' L2@2'A2A' E' 'FA E '!
!' 1' @'' @2F' LF2'3 3' 4K' B !
!' 'L 'E' 'EA' BFE2 K3' (BN23' 'EA' !' GNF 'E' B ' 'F @'12' L2@2'A2A!' ;
!' FGN@BE' LKFE !
!' LABE' 'EA' 2EE2E' BFE' LG' BE3!
!' NB BE '' LKFE '' 2F' '@2F' 22 @' I 2F2' NK 2A' BK !
!' 2N@2E' (BN2' LKFE ' E' @ 3' 2N 34BN'' 4@' F!
!' B E @'' BFE' B' N 2423!
!' M K3' (BN2' O 2A' I @' @2' 3 I BFA!
!' 2E'E K3' @FB I E' FBC'' I ' !
!' 'KF2E42' @2' A2' 4BE' FB'3 2A' BE' '' 1F A FBE!
!' NNB G K3' BC' LG' I A' @BF323!
!' K E'' 'EA' 2CK 'AFB I E2A' E' @2' L2F!
!' (FB K3' 'EA' '4 E @K3' L2@2'A2A!

$EA2F' 'KA K3' !!!!!!!!!!!!!!!!!!!!!!!!

@F22' @KEAF2A' @F 3 'E3' LKFE ' E' '' KFE'42!
!' 2F K 'E' LKFE' I @' @B' FBE3!
!' 2C23 K3' L2@2'A2A!
!' 2CNFBE K3' GCN K3' 'EA' @2BAK K3' LKFE !
!' 'F K3' @KE1' I @' '' @K12' I 2 1@' 2A' B' @ 3' 22 !
!' 'F @'' 'EA' @2F' 4@ AF2E' C 'F GF2A' E' A 2F2E' I 'G3!' =
!' GNF 'E' 'EA' UK3 E 'E' LB 2A!
!' ' 2E E2' O 2A' I @' @2' 3 I BFA!

$EA2F KF2 'E 'EA KC2" F 'EK3

!' 1'N K3' '12A' \ '@KE1'@2'A'ABIEI'FA3'BH2F' ''N'E'B 'LKFE E1' 4@'F4B' !' E34F L2A' 'LBH2' 'F2' @232' IBFA3' FBC' 3ABC ' /'(FBN2F'H 'K ' 2AK42F2 ' KC' '' 32AK4 BE LK3' 2 ' E SK '"' LK3'12E 3'3K'2!ı

!' @F 3 E'' F'E3 M2A' @FBK1@' @2'@2'F!

!' B KCL'' LKFE!

!' @FG3'E @K3''EA')'F ''LKF 2A'' H2!

!' 1E23'LBKEA' B' ''3 'O2'' 2FI'FA3'L2@2'A2A!

!' 'K3'(BN2'L2@2'A2A!

!' C2F'E ''3 BE2A' B'A2' @!

2'F G' @2' I@B 2' NBNK ' BE' B ' 4BC2A '' C'F" GF ' E'A 2F2E'I'G3!

!' F'3CK3' 'A' E' '' 4B E' E B'I@ 4@' LB E1' 2'A' I'3' NBKF2A!

!' '32'LBKEA' B' ''4B KCE' 'EA' BFE' B'N 2423!

!' 'FL'F'' LKFE'I ı @' @B ' FBE3!

!' K3 F' @ K3' 'EA' @ 3' 4BCN'E BE3' C'F GF2A' E' A 2F2E'I'G3!

$EA2F')B4 2 'E' 'EA' 'M C "' 'EK3' ! ! ! !

!' E42E 'LKFE'BE' ''1F A FBE!

!' (F CK3' 'EA' 2 4 'EK3' BFE' LG' BE3!

!' E'3 '3'' @FBIE' FBC' ''FB4O'R

!' >K' FB' E4BFBE' ' C'FGFF2A' E'H'F BK3' I'G3!

' (2 2F' 'EA' 'F42 EK3' '2@2'A2A!' =

!' BE '42'N '42A' E' ''AKE12BE' K 'B 'LB E1' N 4@!

!' K4 '' 3@K 'KN' E' ''I2 ' K 'B '32FN2E 3!

!' KN@2C '' FKE' @FBK1@' I @' ''3IBFA!

!' K3' BA23 K3' 'EA' F2342E K"3' LB 2A'' H2!

!' 2L'3 'E'3@B'I @' 'FFBI3' I@ 4@'@2'3KFH H2A!

!' B3CB' 'EA')'C 'E' ('E ' 2BE' ' KC EK3' K3'EE'' *B K3' AF 'E' 'EA' B @2F3' E' A 2F2E'I'G3!

!' ' @2F E2' B ' 2M'EAF '' 'EA' B @2F3' LFBO2E' BE' @2' I@22!

$EA2F 'M2E K3' ' !' 'K3 E'' 'EA' (BF F K3' LKFE' I @' ''4BCN'EG' B '3B A 2F3!'

!' 'F42 K3' (BN2'A 2A' IBFE' BK' LG' N2F324K BE!

7 <

! ! CBE 'EA ;<< 4 P2E3 4K ' E B F'1C2E 3!
! (2 2F ' 3@BN B ' 2M'EAF ' ' 'EA BF G 3B A 2F3 '
'E 4 E K3 ! ' @2 F I ' 3 3 E' ' FBP2E 'O2!

$EA2F UK 'E @2
NB3 ' 2 ! !

!UB@E 'EA ('K ' L2@2'A2A!
! F 2C K3 ' 4FK3@2A L2 I 22E I B 3 BE23!
! (1C2E K3 ' AFB I E2A E @2 L2F!
! L 'E' ' B112A B A2' @ ' 'EA @FB I E BF BBA
B AB13 E @2 BFKC!

@2 '3 ' N 4 KF2 F2NF232E 3 @2 F2KE BE B ' 2C E2E ' C 'F GF3 E I@ 4@ @2 BC 'E @KF4@ E4 KA23 E1 3@ 3K 2F2F3 KEA2F P'L2 @ ' 'EA ' H2 3 E34F L2A @ 3 H2F32 FBC 3' '@ MMH! ? 'KA'L ' NBNK K3 BF 3 ' 4 H '3 12E KC FBLK3 'FKC!J

?' K"A233K3 AK 'L 2 'K A2 '' FK4 M BE 32 FBK" 2 42 2 E34F N BE 0 / B '1 BF 2KM A23 C 'F GF3 ' 3 ' ABEE2 3 '' H 2 NBKF F '4@2 2F '' N24 ' ' H2FF '' KE2 NB3 2F 2 3 'E3 E!(' SK2 2 NB3 2F 2 X BCC23 ' 2CC23 ' H 2 'FA3 ' 2KE23 @BCC23 ' 2KE23 23 ' 2E 'E 3 ' BCC2 BE3 '44BKF2E ' 4BCC2 BK3 3 'H2E ' CBKF F MW @ 0 '$'

? 23 N ' 2E3 'H ' 2E ' A H E 32 '' H 2 ' 23 4@F2 2E3 A H 3 E2F2E ' '' CBF !J' % 7$70- '$ ' 07 # '=

?' ! 2 'EB B BEAB 2M@ L 3 ' E ' '32F 23 B ' N 4 KF23 ' ' FBKEA @2 4@KF4@ ' @2 C 'F GFABC3 B ' F2 @F 3 'E3 E @2 3B"4 ' 2A N2F324K BE3 ' I @ '' 12E2F ' ' N 4 KF2 B ' @2 CB3 ' 2C E2E ' C 'F GF3 3 E42 @2 F KCN@ B ' @F 3 'E G! B ABKL ' C 'EG B ' @2 N 'F 4K 'F 3 BF 23 @K3 N ' E 2A I ' L2 'F EB 4F 4 ' ' 2M 'C E BE 0 ' 3 O2 G 2E 1@ ' BB ' @ ' ' * LLBE @ '3 FK G ' 44K32A @2 12E2F ' '3 ' 2C2E 3 B '2M '112F BE! K ' @ 3 3 '' @ 'EOT 233 'LBKF ' 3K4@ '3 E1K 'FA 'EA B @2F3 @ ' H2 KEA2F 'O2E I @ F21 'FA B @2 ! 'F @B BC2 I ' C '33 '4F ' 'EA @2 F 3@ C '33 '4F2 B ' ; : 9!) H A2 @2 3KC B ' ' B ' F2NBF 2A C 'F GF3 LG I 2E G % LG G ' GBK I % ' LK ' ' 2F ' 'GBK @ 'H2 '' EKCL2F B 'N2F3BE3 B ' ' ' '123 'EA 32M23 3K 2F E1 4FK2 ' BFC2E 3 'EA A2 @ BF 4BE34 2E42 3 'O2 'EA BF @F 3 3 ' 'EA LG @2 F 3K 2F E13 C 'E 23 G ' I @ * BA3 L 233 E1 ' 2E3KF E1 @2 F KCN@ B ' @F 3 3 1B3N2 ' 2 @2F AB ' @ EO @ ' ' I 2 4BE3 A2F @2 2M42 2E42 B ' @ 3 C 'F GF"3N F ' @ ' 2EBK1@! 'AB EB ' @ EO N 2 '3KF2 3 '' 3 E 0 @2 3 B 43 B ' B A ' 'EA @2 '342 4 @F 3 'E3 3 E42 ' I @B @ 'H2 3 ' A 3B 322 @2

'E3 I 2F3' B ' @' ' 2M42 2E ' C 'E' (BN2' * F21BFG' @2' * F2' ' B' K1K3 E2\|3' SK23 BE3' '3' 1 H2E' ' ' 2E1 @' LG' 2A2 ' @ 'H2 ' E' 3 'G E1' 3B ' BK 3 2NN2A' @2' 3 CN 4 G' 'EA' I 3ABC' B ' @F 3 'E' FK @!' K ' @BK1@' N 2 '3KF2' 3' EB ' '' 3 E ' G2 ' 3KF2 G' @2' 4BE 2CN ' BE' B '3K 2F E1' BF' @F 3 \|3' 3 'O2' 3' '' @ E1' CB3 ' E22A K ' B' K3' E' BKF' A 'G3 ' FBC' I @BC ' E' BKF' A' G' 2' 3K 2F E1' 322C3' 3B' 'F' F2CBH2A!' EA ' '3' * BA\|3' 1F ' 42' 2E ' L 2A' F 4@' 'EA' A2 4' 2' N2F3BE3 ' I BC2E ' 'EA' 2H2E' 4@ AF2E ' B' 2EAKF2' ' ' 2M F2C 23' B ' N ' E' 'EA' F2NFB '4@' E' C23' N '3 ' 3B' @2F2' 3' @2' 3 ' C 2' 1F ' 42' EB' 233' C 1@ G' EB I ' 'EA' ' I 2' AB' EB ' 4 B32' BKF32 H23' '1 ' E3 ' ' ' C 1@ ' E' K3' L2' EB' 233' 1 BF 2A' E' '' C2' B ' F ' !' EA' @ ' ' 3K4@' C23' B ' F ' ' I ' 4BC2 ' C G' 4@ AF2E ' E' GBKF' C23 ' 'EB ' E' C E2 ' ' AB' L2 2H2' K G ' LB @' FBC' @2' 2 '4@ E1' B ' C 'E\|3' I 3ABC' 'EA' B ' * BA\|3!' EA' @2F2 BF2' N 4 KF23' B ' C ' F GFABC ' 'F2 ' ' @ EO ' H2FG' I \|@B 23BC 2% EB ' B' L2' 3E22F2A' ' ' EBF' G2 ' B' L2' BBO2A' S ' '3' '' C2F2' 2M4 2C2E % LK ' '3' '' 3BL2F' F2C EA2F' B' K3' B ' I @' ' a ' 'E' 4 'E' AB' B' @KF ' 'EA' I @ ' ' * BA\|3' 1F ' 42' 4 'E' 2E ' L 2' @2' I 2 ' O23 ' B ' 3' N2BN 2' B' L2 ' F!' 2 @2F' 3@BK A' I 2' BF12 ' @B32' I @B ' LG' @2 F 3K 2F E13 ' I 2F2' CBF2' @ ' E' 4BESK2FBF3 ' EB ' BF' @2CT 32 H23' BE G ' LK ' BF' K3 ' E' 324KF E1' B' K3' @2' 3 ' 2' 'EA' F KCN@ ' E ' 2M 3 2E42' B ' @F \|3' L 2332A' ' @% E' 324KF E1' B' K3' @2' NB33 L G ' E ' G' @2' '4 K ' ' 2E BGC2E '@ ' A' 'EB ' L22E' BF' @2' E 4@F 3 'B ' @2' NF 23 @BBA' % B ' @F 3 \|3' @B G' 'EA' 1 BF BK3' - 7' @2' 4BE1F21' BE' 'EA' 4BCCBET I 2 ' @' B ' @F 3 \|3' N2BN 2!J% #$ 6' 00 6

? E4FB ' SK2' \|21 32' A2' ' E " 2EE2" 2" BEA' 23 ' L 'A2' 3KF' \|2CT N '42C2E ' AK' 7 ##8 ' 8%86 ' \| ' 2E' 23 ' ' E3 ' 23' 3KNN 423' A23' C 'F GF3 ' @ A2K32C2E ' F2NF232E ' 3KF' 23' CKF3' [2' 42 2' 21 32 ' F ' NN2 '* 2E ' 42' SK\|2 2' '' F2CN '42!J% 9# ' 9 ' !' 9-<!

@2' F3 ' 4@ 'N2 ' BE' @2' 2 ' A2A 4 ' 2A' B' !' (F CK3' 'EA' 2 4 'EK3 ' 4BE ' E3' NC2' A2 4' 2' 3C ' ' CB3 ' 43!

?' @2' CB3 ' 43' B ' @2' 3C ' ' ' 'F' B ' !' 2 'EB' B BEAB ' 'F2' B ' f) f ' ; : 9 "; : 8!' 'LF 'E G' A24BF' 2A' 4FB33' 3' F2NF232E 2A' L2 I 22E' I B' 3 'EA E1' 1KF23' B ' !' (F CK3' 'EA' !' 2 4 'EK3!' E' @2' KNN2F'2EA' B ' @2' 4FB33' H2FG' '3 2 K G' E FBAK42A ' 'NN2 'F3' '' 3C ' ' @2 ' A' B ' @F 3 ' I @' ' 'E CLK3 ' BH2F' I @ 4@' @2' @ 'EA' B ' @2' ' @2F' 3' 2M 2EA2A' E' L2E2T A 4 BE!\|% 1&"!

E' @2' E2M ' 4@ 'N2 ' 3' '' H2FG' L2 'K K ' BCL\|B ' 2FE 'FA EB' ' 2 '' ' 'EBE' B ' !' (2 2F\|3' I @B' A 2A' \9 : !

E' '' 3C ' ' @BK32' I@ 4@' BFC2F G' 3 BBA' 'CBE1' @2' 1'FT A2E3' E' @ 3' E2 1@LBKF@BBA' (' 23 F E'' H2A' 'EA' IFB 2!

? BK3 2' F21E2' A2' ('K' !' (' 23 F E'' ' 3' ' N'F 2' A2' '' 4@'N2 2' N'N' 2'D C' 3' ' K' BL 12' A2' '' SK 2F' N'F42"SK() '2 ' ' C'F 2!' '32' F2 F'' ' BF3' A'E3' KE2' 4@'KC 2F2' N2FAK2' 'K' C 2K' A23' H 1E23' AK' BE' 42 K3'2' ' ' 32K ' E4BEEK' 'K' CBEA2' '32' HF' ' AKF'E' A2' BE13' BKF3' D' 2 2' 2M '32' A2' '' N2E3 'SK' '1F'EA ' 'K"A2 '' A2' BK 2' C23KF2' ' ' NK 33'E42' 4F2' F 42' A2' () BCC2!' 2' A23 F' A23' (2F23' AK' 4BE4 2' K' 'G'E' 2 2' C'E 23 2' 'NF ' 'K33 B'KE2' N KC2'24F H '2E' 2 2' A2' 3BE' 4'@ 2F'/ BE') 2K' 24 ' F2P"CB '() 2' 32' C ' '' ()42KHF2' 'H24' KE' 3' E' 2E @BK3 '3C2!' 23' NF2C 2F3' 2 BF 3' E2' F2NBEA F2E' N'3' '' () A2' ' SK2' 3BE' 1& 2' 3()2 ' ' BFC2'D C' 3' N2K' '' N2K' 323' N2E3223' 3()24 ' F4 F2E ' 2' 23' B 3' A2' NB23 2' SK' EBEA' 2E'3BE' 'C2' 32' F2N'EA F2E' 2 C2 BA 23' BK4@'E 23!' @'SK2' N'FB 2' AK' 2M 2' F2 2E 33' ' 4 ' F2C2E ' ' ' ' 4 2F4L2F' BK 23' 23' 4BET 34 2E423' 2' 23' 2M' ' 'A'E3' KE2' 2CB BE' 4BCCKE2!' ! '' /%))%% +'4 ;K$ $%%' F'E4@'' '' SK23 BE'D 2' (2' !' 3()24F ' ' 'NF23' ()'HB F' 2E 2EAK2' SK() ' 'H' ' 4FK' '33 3 2F' 'KM' 4BE42F 3' A23' ,%) LH<!+ % #%-' !#8#% . #% %-' !' 8\!

B BI E1' @2' 'E2' B ' !' 2 'EB' B BEAB% 30 F 2A' LG' LFBO2E' F'1C2E 3' B ' 2FB()3' 'SK2AK4 % ' CB3 ' B' 3' A2T LBK4@C2E ' E2 'F' ' U!' ' 2F'E ' 'EA' @2E' KFE E1' B' @2' 2 ' I2' F2'4@' @2' SK' E ' BF F233" O2' 4@KF4@' 'EA' 4BEH2E ' B ' @2' 7 0 ' -8700 ' 70 ' 4FB I E2A' LG' '' 3 KCNG' 4' CN'E 2' B ' 9!' @2' K ' 2' B ' @ 3' 4@KF4@' 3' ?' ' 'E ' SK' FB' (BF ' E4BFBE' ' 2' ' 4 ESK2' 4K BF ' 'F GF J' @2' E'C23' I@ 4@' @2' @KF4@' ' F LK 23' B' @2' NB E 2F3' L2 E1' 2H2ED^ ' 2H2F 'EK3 ' 'FNB BFK3 ' 'EA' BF EK3D 'EA' @B32' B ' @2' 34K N BF3' 'KA K3 ' 4B3 F' K3 ' E BF 'EK3 ' '3 BF K3 ' 'EA' CN 4 K3 % I@B' ' '3K 2F2A' BF' F2 K3 E1' B' 4'FH2' 'EA' N"' E ' AB 3' BF') B4 2 'E!' @2 F' 23 '' 3' O2N ' BE' BH!' ,!' W @ 3' 4@KF4@' I '3' BKEA2A' BE' @2' 3 2' B ' '' 2CN 2' B ') E'' LG' BEBF K3 !' & ' ;99D F2LK ' LG' 2B' !' & ' (* 'D 'EA' '1' E' F2LK ' E' 3' NF232E ' BFC' LG' ('34@' ' ' H@B' 4BE324F' 2A' ' ' F23@' E' & ' ++'$ $ ' ' 3' 'N9 FB'4@2A' @FBK1@

' ' ABKL 2' 4BKF ' E' I @ 4@' 'F2' C 'EG' 'E4 2E ' 4B KCE3 % ' N2F@ 'N3' F2C ' E3' B ' @2' 2CN 2!' BC2' 'E SK 'F 23' 3KNNB32' @ ' ' @2' 4@KF4@' 32 ' I '3' BE42' B ' 'F12F' 3 P2 ' 'EA' @ ' ' @2' N 'F3' I @ 4@' EB I ' BFC' 3' ' F KC' I 2F2' BE42' E4 KA2A' E' @2' E 'H2!' @2' E 2F BF' 3' 'FF 'E12A' BE' @2' E1 3@' N 'E' I @' '' F BF KC' 'EA' '' 4 2F23 BFG ' @2' F BF KC' L2 E1' B44KN 2A' LG' @2' EKE3' B ' @2' 'A B E E1' 4BEH2E !' @2' ' 3 23' 'F2' 1FB E2A ' LK ' @2' E 'H2' @ '3' '' I BBA2E' 42 E1!' 2@ EA' @2' F LKE2' 3' '' H 'K 2A' N '33 '12 ' N 'F G' 3KL 2FF 'E2 'E!' @2' F LKE2' 4BET ' E3' '' C 'FL 2' @FBE2 ' 'EA' 3' 'ABFE2A' I @' F234B23' LG' G 57 ' $ ' 7 ' G 57 = 0 ;' E' @2' F 1@ ' ' 3 2' 'F2' NF2T 32FH2A' 3BC2' B ' @2' H2F323' B ' (BN2') ' C '3K3!' EB @2F' ET 34F N BE' 2 3' B ' @2' F23 BF' BE' B ' @2' 4@KF4@' E' @2' 22E @ 42E KFG' 'EA' A234F L23' @2' 3 ' 2' B ' A23B ' BE' E B' I @ 4@' ' @ 'A' ' 2E!

?' 024' SK '24KCSK2' H A23' H2 2F ' NFB3 F ' '' FK E '' LFK '' H2FL2F 3 ' 2A2F 3 ' AKC 3SK2' '42L 'E !' J

N2E E1' BK ' B ' @2' 4BKF ' E' FBE ' B ' @2' 4@KF4@' 3' @2' 2' @79 # ' ' 3#5 6 ' LK ' LG' EE342E ' !' E' :<!' ' 4BE ' E3' '' 32F 23' B 'H2FG' 4KF BK3' F234B23!

? @B I E1' @2' E K2E42' B ' GP 'E E2' KNBE' BC 'E' 'F ' 3' @2' 2' 4@ 'N2 ' B ' !' H23 FB ' A2 ' E1' @2' @ 3 BFG' B ' @2' 4BEH2F3 BE' B ' BET 3 'E E2' I @' '' E ' H2 2' I 4@ ' I @' @2' 2M42N BE' B ' '' 42F ' E' A 1E G' E' 3BC2' B ' @2' 1KF23 ' 4BE3 K 23' @2 F 3B 2' ' F '4 BE!' @2G' 'F2' EA22A' 2' L2 2F' @ 'E' @ E232' N ' E E13' 0' @2' '3 ' B ' @2' 32F 23 ' F2NF232E E1' BE3 'E E2' 2 'A E1' (BN2' G H23 2F3' U BF32' LG' @2' LF A 2 ' I ' O E1' L23 A2' @ C' E' @ 3' BE1' B I E1' FBL2 ' I @' '' 4@ ' '@' @2 A' BH2F' @ 3' @2 ' A' LG' 'E' ' 2EA 'E ' @ '3' SK 2' 'E' 3 ' 4' 4@ 'F '4 2F MW $' $673 6' @ 60 7 ' 0

?' 2F2 ' '3' E' 3B' C 'EG' E3 'E423 ' 212EA' 3' @2' 12 FK S ' F2 2M ' EB ' B ' @2' 2M 2FE' 'LK ' @2' CBF' ' N ' F ' B ' @ 3 BFG!' E' @ 3' 32F 23' B ' 4KF BK3' I ' "

:' 23 ' OEB I E' LG' @ 3' 4BC 4' N 4 KF23' E' @2' $ P ' ' ' BF2E42!

N ' E E13 ' I 2' 322' BE3 'E E2' A 3C 33 E1 ' 4BE3B 2A ' 'EA' 'A2E' I @' 1 3 ' @2' CB @2F3' I @B32' 4@ AF2E' I 2F2' B' L2' 3 'K1@ 2F2A' B' NFBH A2' '' L ' @' B ' L BBA ' @2' F2C 2AG' NF234F L2A%LK ' I @ 4@' @2' @KC 'E2 G' F2 24 2A% BF @ 3' 2NFB3G ' @ 3' NKE 3@C 2E ' BF' N2F324K E1' @2' @KF4@' I @ 2' @2'G2 ' E12F2A' E' @2' A 'FOE233' B ' N'1 'E 3C' I 2' 322' @2' H 3 BE' B ' !' (2 2F' 'EA' !' ('K ' I @B' 'NN2 'F' B' @ C' E' @ 3' AF2 'C3 ' 'EA' NF234F L2' @2' E ' L 2' 4KF2' BF' LB @' N@G3 4 ' ' 'EA' CBF' ' A 32 '32' @FBK1@' @2' I ' 2F3' B 'L 'N 3C I 2' 322' @2' CBKE 2A' 2C 33 'F 23 ' 32E ' LG' @2' 2C N2FBF' B' 322O' !' G H23 2F ' EA E1' @ ' ' NBE '4BE42 ' 2A' E' '' 4 'H2FE' BE' BKE ' BF '4 2' I 2' 322' @ ' ' 3 ' E ' L2 BF2' @2' 2C N2FBF ' 2M@ L E1' B' @ C' @2' 'K @2E 4' NBF F ' 3' B ' @2' I B' 'NB3 23' 3 ' A' B' L2' 3 ' NF232E 2A' ' ' !' (2 2F\3 ' N 4 KF23' E' I @ 4@' BE3 'E E2' ' ' BE42' F24B1E 323' @2' BFC3' 322E' E' @ 3' H 3 BE ' '33KC E1' @2C ' B' L2' 1BA3' 2E 2A' B' @ 3%ZHBF3@ N' I 2' 322' @2' CN2F ' ' L 'N 3C ' I @' '' L '4O"1FBKEA' B ' 'E '3 ' 'F4@ 24 KF2 ' @2' F 2' 'AC E 3T 2F2A' LB @' LG' CC2F3 BE' @2' E2BN@G 2' 3 'EA E1' E' E' ' CN 2' BE ' 'EA' ' K3 BE' I 2' 322' @2' NBN2' BE' '' @FBE2 ' L2 BF2' I @ 4@' @2' 2C N2FBF' 3' OE22 E1 ' B' B 2F' @ C' '' 'F '% EB' ABKL ' @2' 'F 3 ' E 2EA2A' @K3' B' CN G' @2' CC2A ' 2' L23 B I ' ' B ' 2C NBF' ' 3BH2F2 E G' H2FG' 12E2F' G' L2 2H2A' @2' '4 ' B ' BE3 'E E2' E' @2' F3 ' K3@' B ' @ 3' 1F' KA2' 'EA' E2BN@G 2' 92 ' ' KNBE' @2' N ' N ' 4G I' '3 G ' I 2' 322' @2' NBE ' F A E1' E B' BC 2' E' F KCN@ ' BE3 'E E2' @ C32 ' 2 ' A E1' @ 3' @BF32 ' 'EA' B @2F' C F2A' L 3@BN3' B B I E1' BE' @BF32L '4O!' EB @2F' N 4 KF2% 2H A2E G' LG' @2' 3 ' C2' @ ' EA% SK ' E G' F2NF232E 3' @2' EA E1' B ' @2' FK2' 4FB33' LG' !' 2 2E' ' ' 'EA' @2' C F ' 4 2' LG' I @ 4@' ' I ' 3' A 3 E1K 3@2A' FBC' @2' 4FB3323' ' @2' I B' @ 2H23 % '' 3KL 24 ' @2F2' E FBAK42A' L24 'K32' '' NBF BE' B ' @' ' F2H2F2A' F2 4' I ' 3' ' CBE1' F2 ' 3KF23' A2NB3 2A' E' @ 3' 4@ ' N2 ' ' '3 ' 'E' B A' E34F N BE ' BE' BE2' 3 A2 ' F24BFA3!' @2' 'F123 ' 4BCNB3 BE' BE' @232' I ' 3 ' I @ 4@' 4BCN 2 23' @2' 32F 23 ' F2NF232E 3' @2' 'H BKF' 2E @FBE2A' 'C A3 ' 'E12 3' 'EA' 'NB3 23!' @ 3' 4@ 'N2 ' 3' EB I ' BE G' K32A' BF' @2' A2HB BE3' B ' '' 1K A' B ' C ' FL 2"4K 2F3 ' ' EA N2E' BF' C '33' BE' LK ' BE2' KEA 'G% @2' '3 % E' 2H2FG' CBE @!J% ! 3 $! 51$ ' % # $' #

E' @2' F234B' B ' @2' 4 M BE' E' @ 3' 4@ 'N2 ' 'E' 'E12 ' 3' F2NF232E 2A' 'O E1' B ' @2' 4FB I E' B ' @BFE3' 'EA' NK E1' BE' '' F2' ' 4FB I E ' 'E' E4 A2E ' EB I @2F2' 2 32' E FBAK42A' E' 'F !

@2' 4 '3 2 ' 2A' BEH2E ' B ' @2' 'E ' >K ' FB' I '3' LK ' LG' ('34@ ' ' !' ' ' @2' 3 ' C2' 2' '3' @2' 4@KF4@ ' 'EA' I '3' K32A' '3' '' N ' N ' ' N ' '42' I @ 2' @2' ' 2F ' E' I '3' E' FK E3 ' @2E42' 3

A2 2E3 H2 '3N24 3K 2A B @2 FBKL BK3 C23 B @2 'E T NBN23! 3 EB I E@'L 2A LG K1K3 E 'E KE3!

@2 BB B @2 B2 'E L2E2' @ @2 E4BFBE' 'EA E @2 3 F22 2'A E1 FBC @2 B 32KC B @2 ' 2F'E 3 @2 @8 @ # 0 B I @ 4@ F242E A 34BH2F 23 @'H2 1 H2E 'E 2M F'BFA E'FG E 2F23 !

@2 KNN2F 4@KF4@ E 3N 2 B CBA2FE P' BE3 KEA2F 2C2E 5 ! E @2 '3 42E KFG F2 ' E3 CBF2 B @2 A2 ' 3 L2 BE1 E1 B NF C H2 244 23 '3 4' 'F4@ 24 KF2 @'E 'EG B @2F LK A E1 E BC2!' I '3 4BE324F' 2A E C2CBFG B 2C2E @2 2 B I 'LBKF2F B ! ('K 'EA @2 @ FA L 3@BN B BC2 KNBE @2 3 2 B @ 3 'C G @BK32! I '3 ' F2'AG CNBF 'E E @2 C2 B *F21BFG @2 *F2' I @B @2F2 F2'A @ 3 @ F G" @ FA 'EA @ F G"2 1@ @ @BC 23! I '3 ' 2F2A LG AF 'E ! E & --9 'EA LG UB@E ! E & ,<< 'EA '1' E F23 BF2A E & <88 LG ('34@' ! I @B @'A L22E 4'FA E' B @2 4@KF4@ 'EA I@B I '3 2 24 2A B @2 N'N'4G I @ E 3 I ' 3! @2 1F2' 2F N'F B @2 2M 3 E1 LK A E1 3 @K3 2 @2F B @2 E E @ BF @2 I 2 @ 42E KFG!

@2 I23 2EA '' NBF4@ 3KNNBF 2A LG I B 4B KCE3 ' 'EA ' F LK 2A B @2 2 1@ @ 42E KFG 2'A3 E B @2 L87$ 0 86 FBC I @ 4@ 3 @2 2E F'E42 B @2 E'H2 32N'F' 2A FBC 3 ' 3 23 LG 3 M 22E 4B E3 2H A2E G N KEA2F2A FBC N'1'E LK A E13! ' 32A 'LBH2 @2 E'H2 'EA NFB 24 2A LG '' B I C'FL 2 I ' 3 @2 7 ##8 'NF232FH E1 3 'E4 2E 'N'H2C2E 'CLBE23 ' 'F 'EA 2N 34BN' @F&E2!

?' E! ! 2C2E 2' LK 'BE @2' 3 2' B ' @ 3' N' 2FE' ' C 'E3 BE 'EA F23 BF2A' ' ' @2' L21 EE E1' B ' @2' I 2 @' 42E K G' 'E' 2M' C N 2' 3' 3 ' B' L2' 322E ' E' N2F 24 ' NF232FH' BE ' B ' @2' NF C H2' 4@KF4@' 2H2FG @ E1' F2C ' E3' E' 3 ' K' SKB% @2' 4BKF ' @2' NBF 4B ' @2' 4'E 2 KC ' @2' 'CT LBE23 ' N '34@ ' '4 'EA 23 4O ' 4FGN ' 'EA ^ LBF KC% H F1 E' 'EA' E '4 @2' I BBA2E' FBB '@'3' KE BF KE' 2 G' A 3 'NN2 'F2A ' 'EA' '' 3C ' '4@'N2 ' A2A "

$ 9 ' ' /

4' 2A' B' !' ' 2F E2 ' @ ' 3' L22E' ' AA2A ' G2 ' 2H2E' @ 3' 3' ' BE2A' BF' LG' @2' BH2 G' F234B23' B ' '3 ' 44 B!' ' CB3 ' 23N24 ' G' F24BC C 2EA' @ 3' F2 4' B ' 2 ' F G' @F 3 'E G' B' GBKF' ' 24 BE' 2' ' EA' 2EA2F' ' AC F' BE!' 2 ' @2' L2 ' K G' B ' !' 2C 2E 2' 3' E 2FE' ' BE G ' BK I ' FA G' ' 3' 2' CBF2' @ ' E' ' ' L ' FE > (5' $5

E' @2' 2 ' B ' @2' 3 A2' 2E F ' E42' 3' @2' 4@ ' N2 ' B ' @2' (' 33 BE ' 4 B @2A' I @' F234B23' B ' 767 ' I @ 4@ ' @BK1@' F23 BF2A ' ' F2' H2FG' L2 ' K K % BH2F' @2' ' ' F' 3' @2' FK4 M BE ' BE' @2' 3 A2' I ' 3' @2' 3 BF 23' B ' !' 2C 2E ' ' EA' !' ' @2F E2!

?' @2' 42 2LF' 2A' 32F 23' F2 ' E1' B' !' ' @2F E2' 3' 3 ' CB3 ' 3 F O E1' E' @2' 1F ' 42' ' EA' F2 E2C 2E ' B ' 3' NF E4 E ' 1KF23' 0

?' !' !' ' @2F E2' 4BK3 E' B ' @2' C N2FBF' BE3 ' E E2 ' F2 K323' B' I BF3@ N' AB 3!

?' 9!' @2' 4BEH2F 3' @2' 2C NF233' B ' ' M C E!' @2' 3' 322E' @FBK1@' ' ' I EAB I ' 32 ' 2A' E3 A2' ' ' NF 3BE ' ' EA' @2' 2C NF233' 32 ' 2A' BK 3 A2' @2' NF 3BE ' BNNB3 2' B' @2F ' E' ' ' 1F ' 42 K ' 3 2E E1' ' KA2!

?' 7!' @2' 2C NF233' 3' L2@2' A2A ' ' EA' @2F' 3BK ' 3' 4 ' FF 2A' B' @2' H2E' LG' ' E' ' E12 !

?' : !' ' @2F E2' A 3NK 23' I @' @2' N ' 1 ' E' N@ B3BN@2F3!' @2' 3' 3 ' EA E1' E' @2' C A3 ' B ' ' ' @ ' ' @2' BF2 E12F' B ' BE2' @ ' EA' ' A' BE' @2' B @2F ' ' 3' E' @2' ' 4 ' B ' A2C BE3 F ' E1!' @2' 3' F2NF232E 2A' ' F ' ' EA' 1 F 3@ ' AF2332A' I @' 1F2 ' ' + C N 4 ' E' ' ' KE 4' ' EA' 1 FA 2 % EB' 4FB I E ' EBF' ' EG' B @2F' ' F LK 2!' @2' 3 ' 123' ' F2' F ' E12A' BE' 2 ' 4@' 3 A2 ' 3BC 2' B3 ' E' @BK1@ ' B @2F3' E' ' 3 BE 3@C 2E ' @2' GF ' E ' ' M C E ' 3' 322E' L2@ EA ' ' 3' ' I ' 4@ E1' @2' 4BE 2F2E42 ' I @ 2' @FBK1@' ' E' BN2E' I EAB I ' I 2' L2@B A' @2' F2' O EA 2A' BF' @2' 4BEH2F 2A' N@ B3BN@2F3 ' ' EA' @2' 342E2' B ' @2 F' 2M24K BE!'

?' \!' ' @2F E2' 3' A2 H2F2A' FBC' @2' I @22 3 ' I @ 4@ ' ' F2' LFBO2E' LG' ' E' ' E12 !

?' ; !' @2' 3' L2@2' A2A!' E' @2' L ' 4O1FBKEA' @F22' ' E12 3' ' G' @2F' E' ' ' 3' F4BN@ ' 1K3' BE' @2' 3KC C ' B ' BKE ' E' ! J% 22' 3! $7 ' - !5 #.' N!' : 8 !

? / ' 3 ' 44 B ⁋' 3' G3' ' 3' F ' / I @B32' 2E @K3 ' 3C' BF' ' F ' I ⅋BK A' EB ' ' B I ' @ C' B' F23 ' 4BE 2E 2A G' ' ' BF2E42 ' F23B H2A' B' 1B' B' BC 2 ' @ ' ' @2' C 1@ ' 2 ' FE @2F2' B' 3KFN ' 33' 2H2FG' B @2F' N ' E 2F!⁋ ' I ' 3 ' AKF E1' @ 3' BKFE2G ' I @ 4@ ' E' ' 4 ' ' AA2A' E K4@' B' @ 3' F2EB I E ' @ ' ' @2' N ' E 2A ' E' @2' @KF4@' B ' ' E' 2C 2E 2% @2' 4@ ' N2 ' I @ 4@' EB I ' 3B' K3K' G' A 3"

'NNB E 3' @2' 2MN24 ' BE3' B ' @2' F'H2 2F' BE' '44BKE ' B ' @2' 3K44233 H2 F23 BF' BE3' LG' HF@ 4@' @ 3' I BFO' @'3' L22E' A 3 1KF2A!!!!!!!!!!!!!!!!!!!!!!!!! @2 @2'HG' LFK3@' I @ 4@'@'3' N'332A' BH2F' 2'4 '4BCN'F C2E '@'3' 3N'F2A'E2 @2F' @2' A2 4'4G' B ' @2' BK E2 ' @2' FBKEAE233' B ' @2' BFC3' EBF' @2' N 'G' B ' 1@ '' EA' 3@' A2Ø E' '' I BFA ' EB @ E1' I @ 4@' 4BE3 K 23' @2' N24K 'F' C2F ' B ' '3'44 B!J% .' !# ' ,' % # $' #

' @2' 2EA' B ' @2' F 1@' ' 3 2' 3' @2' L2'K K' BCL' B ' 'FA E'' BH'F2 '' BL!' :-;!' ' 3 ' K2' B ' !' UB@E' @2' 'N 3' 3' LG' CBE2' LFB @2F' B ')BE' 2 B!' 2E2' @' @2' ' 'F' F2NB32' @2' F2 43' B ' !' 2C2E ' ' 1E' K3' B ' E B4@% C'F GF2A' E' 2' B 32KC ' ' GF ' 'EA' !' 2FHK K3!

?' !' * FA1B F2' F'4BE 2' SK2' A2' 3BE' 2CN3' BE' HBG' 'A'E3' 2' H23 LK 2' A2' (21 32' ' E ' 2C2E ' KE' N'KHF2' N'F' G SK2' NF 'E ' 2 ' C2EA 'E ' 3'E3' SK2' 'C ' 3' E2' N ' E 2' 3BF ' A2' 3'' LBK4@2 ' C ' 1F2' 23' H 23' ABK 2KF3' SK(' 2EAKF' !' SK2' A2 2' K ' ABEE' ' 2 ' ''N'F' G SK2' A 3 F LK' '' 3BE' BKF' 'KM' C ' @2KF2KM' 42' SK('' H' 'F2 K' A2' ''4BCN'33 BE' NKL SK2!' BF3SK(' CBKFK ' 3BE' 4BFN3' K ' N '42' NF23' A2' 42 K ' A2' ' E ' 2C2E ' N'N2 ' 2 ' A2' 3' E ' 1E' 42' A(E B4@2 ' 2 ' 3BE' EBC' K ' E34F ' 'K' C 'F GFB'" B12!' E' 2' H2E2F2"A'E3' (1 32' 3BK3 2' EBC' A2' 3' E ' 2FHK K3 >($!' % !$$!' ' 3!

@2' CB3' 43' E' @2' F LKE2' 'F2' I 2 ' I BF ' 2M'C @ BE!

?' @2F2' 'F2' 2 I' @F 3 'E' CB3' 43' E' I @ 4@' CG3 4' C2'E E1' 'EA' NB2 4' C'1 E' BE' 'F2' CBF2' 2 4 BK3' @'E' E' @B32' BE' @2' 'N32' B ' !' 2C2E 2' I @2F2' @2' 4FK4 M' 'EA' '' I A2"3NF2'A E1' H E2" F22' ' K3 H2' B' 3' I BFA3' I @B' 3' A' 'C' @2' FK2' E2'(' 3NF E1' FBC' @2' 3' C2' 3 2C'Ø I 2 H2' ABH23' 2CL 2C3' B ' @2' 'NB3 23' L2 E1' BE' @2' 4FB33' I @' @2') H E2' K 2F2FØ' @2' B @2F' 'EA' !' UB@E' L23 A2' ' @2' K3K' '@' EA' 3 F2 4@2A' BK ' E' 1 BFG' 'LBH2' I @' '' 4F I EØ' @2' BKF' AB4 BF3' B ' @2' @KF4@' ' 3B' B @2F' 3C ' ' 1KF23' C2E' 'EA' L FA3' E FBAK42A' 'C A3 ' @2' C'PG' H E2" B '12Ø 'EA' ' ' @2' L'32C2E ' @2' BKF' CG3 4' F H2F3' I @'3 '13' 'EA' N2' 4B4O3' AF EO E1' ' ' @2 F' 3 F2' C3!' @2' 1KF2' B ' !')BC E 4' 3' '' CBA2FE' 'AA BE!' ' 322C3' 2H A2E ' FBC' 4@' F'4 2F 3 43' B ' 3 G 2 ' @' ' @2' B @2F' CB3' 43' @2F2 ' 'LBH2' @2' 'N3 A' 'U 4@' 'EA' ' ' @2' 3N'EAF 3 ' 'F2' CBF2' 'E4 2E ' N2F@' N3' VG' LBK ' '' 42E KFG'Ø @232' ' 2F' F2NF232E E1' @2' 'H BKF' E' L2E2A 4 BE ' @2' BKF' H'E12 4' 2CL 2C3

$ ' ' /

!' (2 2F' 'EA' !' 2C2E ' !' ('K ' 'EA' !' 'KF2E42' 32' 2A' @2' I B' 'NB3 23' A23 1E' 2A' LG' @2 F' E' C23' I @' @2' * F22O' /'@'1 B3'(' E' ' E' 2 2F3!' @2' ' 2F' 'F "I BFO' I '3' BFA2F2A' 322' @2' ' E' E34F N BE' L2 B I ' E' 988 ' LG' '' 4'FA E' ' K 'F' B ' !' 2C2E 2 ' E2N@2 I ' B' " BE '42' !' @2' 3' C2' I @B' ' 3B' L23 B I 2A' @2' L2'K K ' 1B @ 4' 'L2FE'4 2' BF' @2' @B G' B 3 ' I @' ''F2 2 ' F2NF232E E1' @2' ABEBF' NF2!' 32E 2A' LG' !') BC E 4' B' @2' F1 E' 'EA' @ A% 32 ' '1' E3 ' @2' I ' ' E2'F' @2' F LKE2 ' 'E' 'AC F'L 2 ' @BK1@' LK ' 'E' '44233BF ' ' BL 24 ' B ' C2A CH' ' 'F !J% !3 $! !5 -!* '" #

FBC' @2' 3'4F 3 G' '' 3 ' F4'32' 2'A3' B' @2' Y ' @8 @' B44'3 BE' G' KC E' 2A' BF' @2' NKL 4 ' F3 ' A 34BH2F2A' E' , \ -!' 2F2 ' @2F2' 'F2' 32H2F' ' N 3' B ' @2' F'F23 ' C 'FL 23' E' N2F 24 ' NF232FH' BE ' 'EA' '' H2FG' 4KF BK3' 32F 23' B ' F234B23' B ' @2' 2 1@ @' 'EA' E E @' 42E KF 23 ' N 'F 3' B ' I @ 4@' 'F2' 3 ' 4 2'F' 'EA' ' CB3 ' KE E KF2A!' @232' E4 KA2% @2' FK4 T M BE ' I @' @2' F1 E' 'EA' !' UB@E' 3 'EA E1' LG' @2' 4FB33 % ' @2' 2'F 23 ' 2M' CN 2' E' BC2' B ' @ 3' I 2 "OEB I E' 3KL 24 ' @2' 342E3 BE ' 3BC2 C23' 4' 2A' LG' BC 'E 3 3' E' NF2N'F'T BE' BF' @2 F' AB1C '' B ' , -< ' ? @2' 33KCN BE' B ' @2' F1 E J' L24'K32' @2' 1KF2' B ' @2' F1 E' 3' 2 2H' 2A' 'LBH2' @2' B @2F/'NB3 23 ' @BK1@' 3@2' 3' 2H A2E G' E 2E 'BE' I ' 4@ E1' @2' F2 F2' E1' 1KF2' B ' @2F' A H E2' BE% E' @ 3' F234B' @2' 1KF2' B ' '' NBN2' 3' E FBAK42A' I @' @2+3SK'F2' E CLK3 ' 3@B I E1' @' ' ' I '3' N' E 2A' E' @ 3' 2 C2 ' 'EA' @2' E34F NT BE' ?' 'E4 33 CK3' ABC EK3 ' 2B' ('N '' BC 'EK3 J' NFBT L 'L G' 2B' !' BF' 2B' !' " 2' 'F 23' ' ' @2' 32NK 4@F2' @2' A2342E ' E B' 'A23' @2' 'FF '12' B ' 'E' @2' KE2F' ' B ' !' GF ' I @' (BN2' 4@B '3' !' , \ , "; - ' I ' 0 E1' E' @2' NFB4233 BE' 'EA' @2' CB3 ' E 2F23 E1' B ' ' % NFBL 'L G' B ' 3BC2 I @' ' ' 2F' A' 2 ' @2' 3 BFG' B ' !' 2C2E 2 ' 'EA' @' ' B ' !' 2M 3' I @B32' 'AH2E KF23' 'F2' A234F L2A' E' @2' '44BKE ' B ' @ 3' 4@KF4U ' BE' @2' H2E E2!' E' ' 'F' B ' @F'3' I '3

A 34BH2F2A' AKF E1' @2' 2M4 'H' BE3' @2F2!' 2E2 ' @' @ 3' 4FGN ' 3' 3 ' '' @ FA' 3 FK4 KF2 ' A 34BH2F2A' , ; - % NFBL 'L G' @2' H2FG' @BK32' B ' !' 2C2E % A24BF' 2A' I @' F 4@' 3 K44B' BFE 'C2E % 3BC2 C23' 3KNNB32A' B' L2' @2' /' 4 'H2FE' E2 'F' !' 2C2E 2(B' I @ 4@' @2' CN2FBF' @B' !' I @B' A 2A' ' ' @2' '12' B ' I2E G" IB ' F2 F2A' E' & ' 888' I @' @ 3' 4BE 233BF ' 'EA' I @2F2' @2' 3N2E ' BKF 22E' A 'G3' E' N2E 2ET ' ' F2 F2C2E !

44BFA E1' B' @2' 4 3' B ' @2' 'F GF3 ' @2' (F2 24 ' 'C2F"' EK3' BFA2F2A' @2' 'FF23 ' B ' (BN2' 2C2E ' 'EA' E 2EA2A' B' NK ' @ C' B' A2' @ ' LK ' ^ 3' A2 2FF2A' LG' '' KCK ' B ' @2' N2BN 2 ' I @B' 4F 2A' I @' BE2' HB 42 ' ?' @' ' 2H ' @ '3' @2' ABE2 ' BF' F' @2F' I @' ' 1BBA' @ '3' @2' EB ' ABE2' RJ' 2C2E ' I '3' @2E' 4BEA2CE2A' B' 2M 2' E' @2' @2F3BE232 ' 'EA' 'C2F EK3 ' BK4@2A' LG' @ 3' 3KLC 33 BE' 'EA' 4BKF '12 ' A 3C 332A' @ C' I @' @2' I BFA3W 2 ' 'G' @2' * BA' GBK' I BF3@ N' LF E1' GBK' F2 2 ' E' @2' N '42' B ' GBKF' L 'E 3@C2E !J

E' @ 3' 2M 2' 2C2E ' F242 H2A' E B' @2' @KF4@' CBF2' @ 'E' I B' @KEAF2A' @F 3 'E3' I @B' @ 'A' L22E' I ' E1' BF' L 'N 3C ' 'EA' C F '4K BK3 G' A 34BH2F2A' I ' 2F' BF' @2 F' 3KNNBF ' E' ' 'L 'FF2E' FB4O ' B' I @ 4@' @2' I '3' A F24 2A' LG' '' 'CL ' E' I @B32' BFC' @2' F24B1E 32A' @2' 1K A 'E42' B ' @2' BE' B ' * BA!' @2' 2ET @K3 '3C' I @ 4@' @232' 'FH2 3' 2M4 2A' 2A' F' 'E' B' 32EA' 2M24K BE2F3 ' LG' I @BC' @2' I '3' 2A' B' 'E' 'E4@BF' 'EA' @FB I E' E B' @2' 32 '!' K ' @ 3' A 34 N 23' OE22 E1' BE' @2' 3@BF2 ' NF 'G2A' @ ' ' @ 3' F2 43' C 1@ ' L2' 1 H E' KN' B' @2C ' I @2E' @2' I 'H23' F2 F2A' 'EA' A 34 B32A' '' C 'FL 2' 4@ 'N2 ' LK ' LG' KET 2 'F @ G' @ 'EA3% BH2F' @2' BCL' B ' @2' 3' E !' FBC' @2' @2FT 3BE232' @2' F2C ' E3' B ' !' 2C2E ' I 2F2' LFBM 1@ ' L '4O' B' BC2' LG' ' GF ' @2' NB3 ' B ' @2' 'HBE 'E3 ' I @B ' AG E1' @2F2' @ C32 ' I '3' LKF 2A' LG' @ 3' 3 A2!

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U2 I 3@' KF ' "1FBKEA% '!' 'L E'% !' 233 B% @2' (F BF' B% '!'
(F 34'% @2' 1E''A2 'U23K % 'LL'% '!' ' L E'!

' ' 6 ' H2E E2 ' I @ 4@' 3' N2F@'N3' @2' @ 1@23 ' 'EA' EB I % '
FBC' 3' 4BFBE2 ' B ' 4BEH2E 3% @2' CB3 ' N 4 KF23SK2'
B ' ' ' @2' BC 'E' @ 3' 3' B ' FF21K 'F' BFE ' 'EA' 3' A H A2A'
E B' IB' N'F 3' LG' ''H ' 2G0' BE2' 3 A2' @2' @ 1@2F ' 3' 4FB I E2A'
LG' @2' 4@KF4@23' B ' '!' 'L E' ' !' 233 B' 'EA' @2' (F BF' B '
I @ 4@' B12 @2F' BFC' ? @2' 'N B ' B ' @2' H2E E20J' @2' B @2F '
OEB I E' '3' @2' (32KAB" H2E E2 ' 3' C 'FO2A' LG' @2' 4@KF4@23'
B ' !' 'LL'' 'EA' '!' ' L E'!

F1 ' 'EA' H A' ' KA2' F2N2 ' 2A G' B' @2' @ 4O' I BBA3'
I @ 4@' BE42' 4 B @2A' @2' H2E E2! ') BEG3 K3' 3N2 'O3' B '
@2' 'KF2 3' BF' L 'G3 ' 'E' EA 12EBK3' F22' B ' 'E4 2E ' BC2 '
I @ 4@' 1F2 I ' @2F2' E' 'LKEA 'E42!' ' G' BE2' 3 A2' B ' @2' @ '
@ ' ' B I 'FA3' @2' L2F ' EB I ' 3@B I 3' 'EG' B ' @2' E ' KF' ' 4 '
LK ' ' I '3' BE42' F2C 'FO 'L 2' BF' 3' FB4O3 ' 'EA' @2' (32KAB"'
H2E E2' BL ' E2A' @2' E ' C2' B ' 'MKC' FBC' '' @K12' 3B 'FG'
C '33' B '3 BE2' I @ 4@' 3KFCBKE 2A' !

?' 3 ' C B 23' E ' H20' B4B' F23' EBC E '' 24 '
2 'E ' 'MKC ' 0 N 'F3' LBE '' C 2E 3' 2 '' 23 !J'

' F1!' 'H !' <: ' <, ' 9 ;' / H!' '3 ! ! \\ ! ' H!' '3 ! ' :8

@2' KNN2F' NBF BE' B ' @2' @ ' 3' B ' HB 4'E 4' BFC' BE' 'EA' ' 3' 3KNNB32A' @' ' @2' 212EA' B ' '4K3' HBC E1' BF @' 'C23' FBC' @ 3' 4'H2' BE' @2' 3 A2' B ' @2' H2E E2' @'A' 3' BF 1 E' E' EBM BK3' 3K N@KF 4' H'NBKF3' 2C 2A' LG' @2' 3B ' '3' 3' 3 ' @2' 4'32' ' ' @2' B ' 'F'' BE' @2' I 'G' B' HB !' @2' Y A2C"1BA' 'KEK3' I @B' @'A' 'E' BF'4 2' ' ' @2' B ' 'F' ' @'A' ' 3B' 'E' BF'4 2' BE' @ 3' @ !

BC2' A2F H2' @2' E'C2' B ' H2E E2' FBC' H2E EK3'" H K3' O E1' B ' L' ' I@B' I '3' LKF 2A' @ 2F2 ' B @2F3' FBC' H2E3' '' 'L E2' F H2F' I @ 2' B @2F3' 3 'G' @' ' @2' E' C2' 3 CN G' C2'E3' ?' @2' @ ' B ' L FA3 ' 'EA' 4BEE24 ' ' I @' @2' 3 BFG' B ' @2' BKEA' BE' B ' @2' 4 G!' BF' I @2E' ' L24' C2' E24233 'FG' B' A24 A2' I @2 @2F' BCK K3' BF' 2CK3' I '3' B' FK 2' BH2F' @2' E2 I G"LK ' BC2 ' BCK K3' 32' 2A' @ C32 ' KNBE' @2' (' 'T E2' B' I ' 4@' @R' 'K3N 423 ' LK ' 2CK3' KNBE' @2' FB40' B ' @2' (32KAB" H2E E2!' 2F2' 2CK3' 3' I ' BE G' 3 M' HK KF23 ' I @ 2' BCK K3' 3' I ' I 2 H2 ' LK ' 2' 4@' E 2FNF2 2A' @2' 'K1KFG' E' @ 3' B I E' 'HBKF' 'EA' 2CK3' 2'N ' '4FB33' @2' LBKEA 'FG' B ' @2' (' ' E2 ' I @2 @2F' E' A2F 3 BE' BF' I 'F' 'EA' I '3' 3 ' E' LG' @ 3' LFB @2F' BF' LG' 2 2F' BE2' B ' @ 3' B B I 2F3!' 2' I '3' LFBK1@ ' L'40' 'EA' LKF 2A' KNBE' @2' H2E E2 ' 'EA' @2' 3 BE2' I @2E42' @2' @'A' I ' 4@2A' @2' HK KF23' I '3' @2E42 BF @' 4' 2A' @2' '4F2A' B40!' E4 2E ' F'A BE' N '423' @2' BCL' B ' 2CK3' BE' @2' (32KAB" H2E E2 ' LK ' E' @2' C AA 2' '123' @2' BCL' B ' ' K3' 23 K3' I '3' L2 2H2A% 2H2E' LG' (2 F'F4@% B' L2' @2' CBEKC2E ' B ' 2CK3!' =

BC2' 'K @BF 23' 4BE3 A2F' @' ' I @2E' 2CK3' I '3' I ' 4@ E1' @2' HK KF23' BE' @2' (32KAB" H2E E2 ' @' ' N 'F ' B ' @2' @ ' I '3' ' F2' AG' B44KN 2A' LG' ''' (2 '31 4' 2F F233' 4' 2A' BCBF ' ' LK ' ' ' @ 3' C2' 'EA' BF' BE1' ' 2EH'FA3 ' @2' @ 1@2F' N' F ' B ' @2

H2E E2' I '3' @2 A' LG' @2' 'L E23!' 2F2' @2' 'L E2' 0 E1' KC '' A2A 4' 2A' 'E' ' 'F' B' UKN 2F' 4 K3 ' 'EA' @2' E2' 1BA' BE3K3' @'A' ' 3B' 'E' ' 'F' @2F2!' @2F' KC '' 4' C2' B' H 3 ' @2' BF23 "1BA3' 'KEK3' 'EA' (4K3' ' ' @2 F' 3'4F2A' BKE ' E0

K4K3' H2E EB' 3KL2F' 'E 12F' 4 3' KCLF'
> KB' NB3323' H 3B' A 42F2 'EKC2E' E23 !
E' C 2A B' 1F' C 2E ' CK34BSK2' 'ABN2F '' H F2E '
'E 'L' '3 'MB' H2E '' N2F2EE 3' 'SK' 2!
EA2' 2F2' 3B ' 'KEK3' (4K3SK2' L L2L 'E !

G' C E1 E1' I E2' 'EA' @BE2G' H @' @2' I ' 2F3' B ' @2 F' 3NF E1 ' KC '' 3E'F2A' @2' 1BA3 ' ' A' 4BCN2 2A' @2C' B' 2 ' @ C' @B I ' @2' C 1@ ' 2'FE' FBC' UKN 2F' @2' 0EB I 2A12' B ' @ 3' I ' 'EA' B' F2H2' ' B' @ C' '' 4@'FC' '1' E3 ' @KEA2F' 'EA' 1@ E E1!'U'

@2' 'L E2' 0 E1' ' K3 ' @2' F H' ' B ' BCK K3 ' I '3' LKF 2A' BE' @2' H2E E2' ?' E' '' 1F2' ' 1FBH2' B ' 'KF2 3 J' 'EA ' ' ' @ 3' BCL ' @2E' 4' 2A' FC K3 FKC ' ' I '3' @2' 4K3 BC ' 2H2FG' G2'F ' E' @2' CBE @' B ' 4 BL2F ' B' @B A' '' 2'3 ' BF' @2' N E '' 4' BE' B ' 'FC3 ' 344BCN'E 2A' LG' C 'F ' ' A'E423!' ' @BF32' I '3' ' ' @2' 3'C2' C2' 3'4F 42A' B' U'EK3 ' @2' 'L E2' I 'F"1BA!' H'

E4K3' 'F K3' 3KFFBKEA2A' @2' H2E E2' LG' '' I ' ' 'EA' 32 2A' @2F2' C 'EG' @BK3'EA3' B ' ' E@'L 'E 3' B ' ' E' B I E3' I @ 4@' @2' @'A' 3KLAK2A!' @ 3' I '3' @2' BF 1 E' B ' @2' N 2L3 ' I @B' I 2F2' 3BBE' B' 0 24BC2' 3K4@' BFC A'L 2' BNNBE2E 3' B ' @2' F3 ' 4B BE 3 3' B ' @2' (' ' E2 ' I @B' BBO' F'EO' '3' N ' F T 4 'E3 ' 'EA' I @B' ' ' F3 ' BKEA' E' @2C' 'E' CNBF 'E ' 4BKE 2FT NB 32' B' @2' NB I 2F' B ' 2' BF 1 E' ' 'L E2' E@'L 'E 3 ' '1' E3

' HG ' ! 9<! g H A!' '3 !' ! 98\!
U ;' E BE3 ' @' F' 'EA' N 4@'FA3!J% 22' (K 'F4@!3' 2' B ' KC '!
h' CN2F2 ' 3 'B ' BC2 ' ! :9-! ') BEG3 K3 ' ! :7!

I@BC' @2' 2' ' E' 4B BEG' B ' BCK K3' @'A' @ @2F B' L22E' 3 'EA E1' ' BE2!' @2' H2E E2' 4BE EK2A' ' I 'G3' B' L2' @2' 23N24 ' ' NFBN2F G' 'EA' 3'E4 K'FG' B ' @2' N 2L3 ' @2' N' F 4 'E3' 'HB A E1' % E' @2' F3 ' E3 'E42' ' 3' 3KNNB32A ' FBC' 'E' CT NF233 BE' @' ' @2' @ ' I '3' B ' 2H ' BC2E ' B I E1' B' @2' 3 BFG' B ' 2CK3!' E' ' : ; ' @2' F LKE2' 4 K3' NFBNB32A' 'EA' 4'FF 2A' '' ' I' LG' I @ 4@' ' ' @2' NKL 4' 'EA3' B ' @2' H2E E2' I2F2' B 4 ' G' 4BE 2FF2A' KNBE' @2' N 2L3 ' I@B' BF @I @' L21'E' B' 4BH2F' 3' @2 1@ 3' I @' @BK323 ' E' I @ 4@' 2'4@' 'C G' B ' @2' N2BN 2' @'A' '' F 1@ ' E' BE2' BBF % '' 4K3 BC' I@ 4@' 3 ' NF2H' 3' ' ' BC2 ' ' @ 3' C2 ' ' 3B ' @2' H2E E2' I '3' E4 KA2A' BF' @2' F3 ' C2' I @ E' @2' NBCB2F KC' BF' F2 1 BK3' LBKEA 'FG' B ' @2' 4 G!' I E1' B' 3' L2 E1' @2' ?' @ ' B ' @2' N2BN 2 J' @2' 4BCCBE3' @2E42 BF @' @2 A' @2 F' 4BC '' 'EA' 2 24 2A' @2 X F LKE23' @2F2 0' 'EA' @2F2 ' ' 2F' @2' CKFA2F' B ' F1 E ' ' B' I@BC' @2' F LKE2' 4 K3' @'A' L22E' L2 FB @2A ' @2' 'FCG' '332CL 2A' '1' E3 ' NN K3' 'KA K3!

2FG' 2' F2C ' E3' B ' @2' EKC2FBK3' 2CN 23' I@ 4@' BE42' 'ABFE2A' @2' @ ' LK ' @2 F 3 23' 'F2' B 2F 'L G' I2 ' '342FT ' E2A!' 2' 3 ' '342EA' @2' H2E E2' LG' 2' 'E4 2E ' HK3' (KL 4 K3 ' BF 1 E' G' N 'H2A' LG' IB' LFB @2F3' (KL 4 ' I@B' I2F2' 2A 23' ' ' @2' 3'C2' C2 ' 'EA' @'A' 2CL2P' 2A' '' NKL 4' 3KC' B ' CBE2G ' I@ 4@' @2G' I2F2' 4BCN2 2A' B' 2MN2EA' @K3%

('F 2' B4 'K ' 4 HKC ' SK ' KE4' 2F' ' 'FAK '' FKN23' 0
$ 2' EKE4' 2F' 23 ' (KL 4 KC SK2' HB4 'E !'

' @2' BB ' B ' @ 3' FB 'A' I '3' @2' 2CN 2' B ' KE' ' BF' U 'E' ' E' I@ 4@' ' K3' @'A' ' 3B' 2F24 2A' 'E' ' 'F' B' U 'EK3' BF' @2' KE!

KE'' F21 ' C 2E323 0' @K K3' SKBS 2' 2C N2F'' E E3 3' E ' H2E E2' KE'' 4B 2EA'' E1B!

' H A ' '3 ! H! 987! ' '3 ! $! , ,7!

' I '3 KN @ 3 FB 'A @ ' ' K3 *F '44@K3 ' ' 2I ' @BKF3 L2 BF2 @ 3 A2 ' @ ' 2A B '02 F2 K12 E ' ' 3C ' ' 2CN 2 B ') 'E ' ' I @ 4@ 3 BBA 3BC2 I @2F2 E2 'F @2 NF232E ' 3 2 B ' ! 233 B ' I @2F2 ' OE22 E1 L2 BF2 @2 3 ' K2 B ' @2 1BAA233 ' @2 CN BF2A @ ' ' @2 N2BN 2 I @B @ 'A L2 F 'G2A @ C C 1@ ' E2H2F L2 F22! B32 LG ' 3 E1K 'F G 2EBK1 ' FB32 @2 2CN 2 B ' L2F G ' I @ 4@ @ 3 1F 'EA ' @2F 2CNFBE K3 *F '44@K3 @ 'A LK ! A B E E1 @ 3 2CN 2 I '3 ' @ ' ' I @2F2 @2 'F4@ H23 B ' @2 42E3BF3 I 2F2 O2N ' 'EA I @2F2 @2G F 'E3 '4 2A LK3 T E233 @ 3 I '3 F2LK ' LG 3 E K3 (B B ' I @B 'AA2A B ' @2 F3 ' NKL 4 LF 'FG 23 'L 3@2A F BC2!

24 ' C 2 ' SK42 AB4 3 N ' K2FKE ' NF C ' ' L2 3
F ' ' L2F '3 ' E12F2 N '33 ' ' 3K ' ' 23 !

E @2 3 'C2 1FBKN 3 BBA @2 ' CBK3 3C 4 K 'FG B ' UKEB 21 E ' ' HB I 2A LG ' C K3 AKF E1 @2 3 212 B ' 2 ' 'EA B I @ 4@ @2 UKEB B ' @2 4 'N KF2A 4 G I '3 F2CBH2A ' ' 2F 3@2 @ 'A 1 H2E ' ' H2FL ' ' 4BE32E ' I @2E ' 3O2A I @2 @2F 3@2 I 3@2A B 1B B BC2 'EA E@ 'L ' ' E2 I ' 2CN 2 ' CK4@ '3 @2 CBA2E ' SK22E B ' @2 'H2E 3 'N ' B AB E CBA2FE C23 ' ' BC2! ' @2 2CN 23 B ' L2F G 'EA UKEB I2F2 LB @ F2LK ' KEA2F K1K3 K3 3BC2 C '1 E2 @ ' ' @2G I 2F2 KEA2F ' ' 4BCCBE FBB ! ' @2G I 2F2 A 3 E4 ' LK A E13 ' EB @ E1 B ' @2 BFC2F F2C ' E3 3BC2 L2 'K K ' 4B KCE3 LK ' E B @2 4@KF4@ B ' ' ! 'L E ' ' F2 ' ' @ ' ' F2C ' E B ' @2 2CN 2 B ' UKEB ' @BK1@ HG @BK1@ ' @ ' ' @2F F2 1E @2F2 I BK A L2 2 2FE ' %

! ! ! E' H2E EKC ' B2 2C ' E' 32A2C ' 3E ' C!g

' HA F 3! ! - !
' 22 @2 '44BKE ' B ' @2 @! Bh '! F 'E4234 ' ' BC 'E ' ' @ 'N! H!
8' 9&: ' ' ##

3B' L2 BE1 E1' B' @ 3' 1FBKN' I '3' '' 2CN 2' B ' E2FH'!

B''L ''' *2C E 3' 2 ' 'E4F'3 1E''E L234KE 0
42N ' H2E E''(' '3' E''F42'4B !'

2F2' @2' AF'C' 3' H K3' EAFBE 4K3' I@B' H2A' KNBE' @2' H2E E2' I'3' @BEBKF2A' ' 2F' @ 3' A2' @' LG' '' 4BCN'EG' B' 34F L23' 'EA' '4 BF3!' EB @2F' NB2' I@B' H2A' KNBE' @2' H2E E2' I'3' EE K3' I@B' 3' A234F L2A' '3' E@'L E1' '' @KCL 2' AI2 E1' 'EA' L2 E1' ' 2EA2A' LG' '' 3 E1 2' 2C' 2' 3 'H2!' @2' NB2' * ' K3' ' 3B' H2A' @2F2!

B 3' *' 2' KL2 L' C2' 32FH F2' A 2LK3'
'N2F' H2E EKCZ2F'SK' 2F' F2' KKC'Xg

E' @2' B @2F' 3 A2' B' @2' H2E E2' 'LBH2' @2' F4K3' 'M CK3' I@4@' I'3' BF 1 E' G' 4BH2F2A' I @' CGF 2% '' 3@FKL' EB I'' C A' 2M E4' '' BC2% BE' @2' 3 2' EB I' B44KT N 2A' LG' '!' (F 34'' I'3'' CBF2' CNBF 'E' 2CN 2' B') 'E'' 3BC2 C23' 4' 2A' LG' @2' 'L E2' E' C2' B' KF4 ' % LK ' E' C ' BE' B' @2' 2CN 2' B') 'E'' '' N@23K3!' (FBN2F K3' IF 23%

(@G 3' H2E E32' SK32A'C' 23 'H 4 E'') 'E'3',#'

'EA' 'F ' %

>K SK2' H A2 ' NFBN K3' C '1E''42F ' C E'' F4 '
'KA' ' H2E E3' H 4 EK3' KF'') 'EC!'h

2F2' ' @2' C2' B') BEG3 K3' I '3' NF232FH2A' @2' N 'F' B' LF'33' BE' I@4@' I'3' 2E1F'H2A' @2' ' I' B' 4 K3!

2'F' @ 3' I2F2' @2' 1FBH23' B C '' @2' F2 F2'' B' @2' E 'CBK3' '33B4 ' BE' A 34BH2F2A' 'EA' 2FF L G' NKE 3@2A' '' @2' C2' B' @2' * F220' I 'F3U 'EA% E' @2' C2' B' @2' 2CN F2% @2' 1'FA2E3' B' 2FH '' I@2F2' 3@2' F242 H2A' @2' A2HB BE' B 'UK K3

ß H A!' '3 !' H !' -9-!' ' 'F ' 'M!' N!' \;!'
3 (FBN2F !' H!' !' 8! "H 'F !' H !' N!' ;:!

'23'F ' 'EA ' E ' I @ 4@ ' @2F ' 3BE ' FK K3 ' 3 ' 3' A ' B ' @'H2 ' 4BET 3N F2A ' @ 3 ' CKFA2F ' 'EA ' B ' @'H2 ' L22E ' E 2FFB1' 2A ' LG ' @ 3 ' I 2 ' (BF '' '3 ' B ' @2 ' CG3 2FG ' I @ 4@ ' @2 ' F2 K32A ' B ' F2H2' ' B ' @2F ' 2'F E1 ' @2F ' I 2'0E233 ' KEA2F ' BF KF2 ' KE ' LG ' @2 ' 4BET 42' C2E ' B '' ' 2FF L 2 ' I BKEA ' I @ 4@ ' 3@2 ' @'A ' 1 H2E ' B ' @2F32 ' 3@2 ' @'A ' NFBH2A ' B ' @ C ' @' ' @2 ' A'K1@ 2F ' B ' ' B ' 4BK A ' 3K 2F ' 'EA ' L2 ' 3 2E !'

@2 ' H2E E2 ' 4BE EK2A ' B ' L2 ' E@'L 2A ' 'EA ' 2H2E ' NBNKT BK3 ' KE ' @2 ' 3 M @ ' 42E KFG ' FBC ' I @ 4@ ' N2F BA ' 3 ' NFB3N2F G ' L21'E ' B ' A24 E2!' E ' @2 ' 2 2H2E @ ' 42E KFG ' ' I '3 ' B44KN 2A ' LG ' ! @2 ' 4'CN ' B ' 2EFG ' !' B ' 2FC'EG ' I @2E ' @2 ' 4'C2 ' E ' I 'F ' '1' E3 ' *F21BFG ' !' E ' @2 ' @ F 22E @ ' 42E KFG ' BEBF K3 ' !' C'A2 ' '' E' ' 2 BF ' B ' F2"23 'L 3@ ' 3 ' NBNKT 'F G ' LK ' I @ ' 2'4@ ' 3K4422A E1 ' 12E2F' B ' ' @'3 ' L24BC2 ' % N'F G B I E1 ' B ' @2 ' F'H'123 ' B ' C' 'F ' % CBF2 ' 'EA ' CBF2 ' A232F 2A ' ' EB I ' 3 ' 3B 2 ' E@'L 'E 3 ' 'F2 ' CBE03 ' 'EA ' @2 ' 2 I ' '1K2"3 F 402E ' 4BE 'A E ' I @B ' BBO ' ' 2F @2 ' CBE'3 4 ' H E2G'FA3!' E ' I 'EA2F E1 ' ' BE1 ' 3 ' A23B ' 2 ' 'E23 ' @2C C2A ' E ' LG ' @2A123 ' B ' 2 A2F ' BF LG ' I ' 3 ' 4BH2F2A ' I @ ' N'F'3 4' ' N 'E 3 ' ' 3 ' A 4K ' B ' F2' P2 ' @2 ' C2 ' I @2E ' ' I '3 ' 3B ' @ 4O G ' NBNK ' 2A ' ' 'EA ' 2M42N ' E ' @2 ' SK 'E 23 ' B ' 4B BKF2A ' C 'FL 23 ' I @ ' I @ 4@ ' 3 ' 2 A3 ' 'EA ' H E2G'FA3 ' 'F2 ' 3 F2 I E ' @2F2 ' 3 ' EB @ E1 ' B ' F2C EA ' BE2 ' B ' @ ;' '2A 4K '2 ' ; :' L' @3 ' 9\ ' 1F'E'F 23 ' , ,' BKE ' E3 ' 7< B ' @2 ' 'F12F ' @BK323 ' 4' 2A ' $ 86 ' 'EA ' 9 : , -' B ' @2 ' NBBF2F ' @BK323 ' 4' 2A ' 68#7 ' I @ 4@ ' B44KN 2A ' @ 3 ' 3 2!' ;

@2 ' NF232E ' E 2F23 ' B ' @2 ' @ ' 3 ' ' CB3 ' I @B G ' 244 23 T '3 4' ' 'EA ' 42E F23 ' 'FBKEA ' @2 ' 3 BFG ' B ' !) BC E 4 ' 'EA ' @2 ' 212EA3 ' ' @2 ' 3' E 3 ' 'EA ' C'F b F3 4BEE24 2A ' I @ ' 3 ' A 2F2E ' 4@KF4@23!

@2' L23 ' 'NNFB'4@' B' @2' H2E E2' 3' L2@ EA' @2' @KF4@' B ' '!' 'F '' E' B3C2A E ' I@2F2' @2') 7' 07 ' 7I 7 'BE42' @2' HK3' (KL 4 K3' 'H' 'L 2' BF' 4'FF '123 ' KFE3' KN' @2'@ !

' 'E2' BE' @2' 2 ' 2'A3' B' @2' U2 I 3@' LKF ' "1FBKEA ' K32A' '3' '' N '42' B ' 32NK KF2' BF' @2' *@2 B' BF' C 'EG' 42E KF 23!' ' 4KF BK3' E3 'E42' B ' @2' 4KN A (' F LK 2A' B' @2' U2 I 3@' F'42' C 'G' L2' 322E' E' @2' '4 ' @' ' @2G' @'H2 ' BF' '' F2CKT E2F' BE' B ' BKF' L' B44@ ' @'L K' G' 1 H2E' 2'H2' B' @2 F' E2 1@LBKF3' B' A 34@'F12' @2' 4BE 2E 3' B ' '' FKLL 3@' 4'F ' E B' @2 F' 42C2 2FG ' '' N2FC 3 BE' B ' I@ 4@' @2' BC 'E3' @'H2' 3B' 'LKEA'E G' 'H' 2A' @2C32 H23 ' @' ' @2' 2H2 ' B ' @2' 3B ' @'3' L22E' F' 32A' LG' C 'EG' G'FA3 ' 'EA' I@B 2' 32 3' B ' B A2F' CBEKC2FE3' @'H2' L22E' 4BCN 2 2 G' 3 I ' B I 2A' KN ' 'EA' E2 I ' BE23' 2F24 2A' BH2F' @2 F' @2'A3!

2F' I 2' KFE' @2' 4BFE2F' ' ' @2' @ ' BN ' I @' 3' E2' H 2 I ' BH2F' @2' (' ' E2 ' 'EA' 4FB33' @2' F2E4@' B ' BF 4' BE' BFC2A' AKF E1' @2' 2'F' B ' '' * 'F L' A 'E' EH'3 BE' E' , ; - ' I 2' 30 F ' I@' ' 'NN2'F3' B' L2' N'F ' B ' '' 4 G' I ' !' @ 3' 3' E' '4 ' @2' I ' ' B ' @2' BEBF 'E' 4 G ' LK ' LG' (BN2' BEBF K3' ! ' B ' @2' 1F2' ' 'C G' B ' 'H2 ' I@B32' A2 '' I '3' B' F2EA2F' @2' H2E E2' BE42' CBF2' @2' NBNK BK3' 'EA' 'HBKF 2' NBF BE' B ' @2' 4 G ' 'EA' I@B' L21 N' 1F2' ' I BFO3' BF' @ 3' NKFNB32!' 2 BF2' @ 3' 'FF'E12C2E 3' I 2F2' 4BCN 2 2A' !) BC E 4' 'FF H2A' E' BC2 ' 'EA' I '3' 'NNB E 2A' C '3 2F' B ' @2' N 'N' ' @BK32@B A ' 'EA' 'LLB ' B ' @2' 4BEH2E ' B ' 2!' 'L E' ' I@2F2' @ 3' C E T 3 F' BE3' 'EA' NBNK 'F G' 3BBE' BFC2A' 3K4@' 'E' ' F'4 BE ' @' ' @2' NBN2' I 32 G' 'L'EABE2A' @ 3' A23 1E' B ' BKEA E1' '' E2 I ' 4 G' I@ 4@' I BK A' 4BCC2CBF' 2' @ C32 ' 'EA' 2 ' @2' @2 A' B' !') BC E 4 % B' I@B '' @2' C 'A2' BH2F' @2' 'EA' BE' @ 3' 3 A2' B ' @2' @ !' 2E42 BF I 'FA' @2' 4BEH2E ' B ' '!

'L E'' 'EA' 3' 3KFFBKEA E13 ' @'H2' L24BC2 ' CBF2' @'E' 'EG' B @2F' 3NB ' 4BEE24 2A' I @' @2' @ 3 BFG' B ' @2')BC E 4'E' FA2F % @2F2 ' ' ' @2' 1F2' ' 3' E 3' B ' @2' BFA2F' @'H2' F242 H2A' @2 F' F3 ' E3N F' BE % @'H2' F23 A2A % BF' 'F2' LKF 2A0' @2F2' !')BC E 4' @ C32 ' F242 H2A' E' '' L2' 4' H 3 BE' @2' E3 T K BE' B ' @2' FB3 'FG0' @2F2' @2' I '3' BFA2F2A' B' N 'E ' @2' 'CBK3' BF'E12" F22 ' I@ 23% ' L2 E1' @2E' KE0EB I E' E' BC2 ' @2' LFBK1@ ' FBC' @ 3' E' H2' N' E' '3' @2' BE G' NF232E ' I @ 4@' ' I '3' 3K 'L 2' BF' @2' 1F' KA2' B ' '' NBBF' CBEO' B' B 2F' B' @ 3' N' FBE' BEBF K3 ' I@B' I '3' C 32 ' BE2' B ' @2' 1F2' ' LB 'E 3 3' B ' @ 3' C2 % 'E' BF'E1 F22' I @ 4@' 3 ' H23 ' 'EA' I @ 4@' 3' FC G' L2 2H2A' LG' @2' CBEO3' B' BKF 3@' BF' ' ' I @' @2' BF KE23' B ' @2' FA2F ' 3B' @' ' ' @'3' ' 2 G' L22E' 1F2' G' @2' I BF32' BF' @2' 3KNNF233 BE' B ' @2' 4BEH2E 3' E' BF @2FE' ' G .' @BK1@' @2' F23 A2E42' B ' (F2' '4BFA' F2' I @ E' @2' 4BEH2E ' NFBH2A' 2M422A E1 G' L2E2 4 ' ' B' ' 'EA' @ 3' H 3 ' 2H2E' 4 'K32A' '' E2 I ' 3K4O2F' B' 3NFBK !

@2' @8 @' ' 07 ' 7I 7' I '3' LK ' BE' @2' 3 2' B ' @2' @BK32' B ' @2' 3' E % É I @ 4@' 3@2' 3K 2F2A' C 'F GFABC' KEA2F' @2' CN2FBF' ' F 'E ' E' & ' :97% LG' (2 2F' '' NF 23 ' B ' GF ' ' ?F 4@' BF' @2' NBBF ' 'EA' NBBF' BF' @ C32 J', 78 I86' # 89D6 ' 6 I ' 9789 K' '3' I 2' F2'A' LG' @2' CB3' 4' E34F N BE' E3 A2' @2' NF E4 N' ' 2E F'E42!' !' > 21BFG' @2' *F2' ' F2'A' I B' B ' @ 3' @BC 23' @2F2!' @2' 4@KF4@' I '3' F2LK ' E' ,9: ' 'EA' F23 BF2A' 'EA' F24BE324F' 2A' LG' *F21BFG' 5!' E' 97,!' K4@' B ' 3' E 2F23 % 'E4 2E ' N'H2C2E 3 ' CB3' 43 ' &4! % ' I '3' A23 FBG2A' E' \,-' LG' M K3' !' I@B' BBO' @2' 4F2A ' B ' A 34BH2F E1' @2' F2 43' B ' @2' C 'F GF3' I@B' 'F2' LKF 2A' L2E2' @' @2' ' F!

=' @2F2' 3 '' L2 'K K ' N 4 KF2' B ' '! 3U E '' LG' H 'F E ' B ' KF'EB ' E' ! ` '4@'F ' ' ' ' 2E 42!

E @2 I23 3 ' 4BH2F2A 4BFF ABF 4BE ' E E1 32H2F' 'E4 2E E34F N BE3! 3 3KNNBF 2A BE BE2 3 A2 LG 'E4 2E 3N F' 4B KCE3 B N'HBE'PP2 B BE @2 B @2F @232 @'H2 L22E N KEA2F2A 'EA F2N '42A LG 1F'E 2! 2E42 @FBK1@' ' H EAB I 'A 23 'F2 ' B I2A B 1'P2 KNBE @2 42 2LF' 2A BF'E12" F22 ; ; \ G2'F3 B A I@ 4@ @2G 4'EEB 'NNFB'4@D '' FKA2 1KF2 B !) BC E 4 3 '34K N KF2A KNBE @2 B I I ' I@ 4@ 3KFFBKEA3 ! @2 I23 ABBF B @2 I2 @ 42E KFG E '' F 4@ G 34K N KF2A F'C2 3 4 2A LG #K1 2F '3 'E E3 'E42 B @2 2M E4 BE B @2 GP'E E2 E K2E42 KNBE 'F ! 3 N'E2 3 ' 4BH2F2A I @ 4'FH E13 FBC @2 A 'EA 2I 23 'C2E F2 2FF2A LG 'C'4@ B @2 32H2E @ LG 1 E4BKF B @2 @ F 22E @ 42E KFG! BC2 B @2 3KL 24 3 @'H2 L22E A23 FBG2A 'CBE1 @B32 I@ 4@ F2C' E 'F2 @2 EEKE4 ' BE @2 E12 3 'NN2'F E1 B @2 @2N@2FA3 @2 E12 'EA `'4@'F '@ E @2 2CN 2 @2 '1 B323 KFE E1 @2 FBA3 E B 32FN2E 3 @2 '342E B '@ @F 3 L2 BF2 (' 2 @2 A2E ' B (2 2F 'EA @2 342E3 BE! @ E @2 2E F'E42 'F2 @2 BE G F2C' E3 B @2 C'1E 42E CB3' 4 2F24 2A E :7 KEA2F 2 23'" E2 ! I@ 4@ 2E F2 G 4BH2F2A @2 I23 I ' @2 C2 B M K3 ! 4BE3 3 E1 B 'E E34F N BE E 'F12 2 2F3 I @ '' 2C' 2 1KF2 'BE 2 @2F 3 A2 @' ' BE @2 2 L2'F E1 @2 E'C2 ? 44 23 '' 4KC 4 F4KF'4 3 BE2 J @' ' BE @2 F 1@ ? 44 23 '' 2M 12E LK3!J CBE1 @2 N'F 3 A23 FBG2A I2F2 @2 BKF L2'3 3 BN 4' B @2 H'E12 3 3 'EA ! (2 2F 'EA ! ('K ! @2 4@KF4@ I '3 @K3 1BFT 12BK3 G A24BF' 2A L24'K32 E @2 C2 B @2 'H2 'NBN23 ' I '3 I@' @2 3 E2 3 EB I @2 @ 23'' NB\V B 4'!

@2 E'H2 3 E2A LG I2E G" BKF BF E @ 'E 4B KCE3 B I@ 2 C'FL 2 F2 43 B @2 2CN 2 B UKEB 21 E' I@ 4@

BE42' 3 BBA' @2F2!' LBH2 ' 3' 'E' E ' A' F 2P2' B ' N 2 F'AKF' '
B ' !)!' : 7 ' I @ 4@' BE42' 2M 2EA2A' KN' B' @2' I EAB I 3 ' LK '
I '3' A23 FBG2A' LG' M K3' !' I@B' ' ' @2' 3 'C2' C2' LK ' KN'
@2' I EAB I 3' I @ 4@' ' @2E' 2M 3 2A' BH2F' 2 '4@' N 2F!' E'
@2' C AA 2' B ' @2' N 'H2C2E ' E2 'F' @2' ' 'F ' 3' '' H2FG' 4KT
F BK3' CB3 ' 4' 1KF2' BH2F' @2' 1F 'H2' B ' KEBP' A2' ` 'CBF' '
'' *2E2F' ' B ' @2') BC E 4 'E' FA2F ' I@B' A 2A' E' 7<<!'
2 'F2F' @2' I 23 ' ABBF' 'F2' E 2F23 E1' E4 32A' 3 'L3' F2NF2T
32E E1' '' *2FC 'E' L 3@BN' 'EA' '' 'AG ' L2E2 '4 BF3' B ' @ 3'
4@KF4@ ' 'EA' BE' @2' 2 ' '' 3 'L' I @' 'FC3' E' CB3 ' 4 ' B' '
'AG' B ' @2' 'H2 ' 'C G!' EW @2' 2 ' ' 3 2' 3' 'EB @2F'
CBEKC2E ' B ' 7 9 ' 4BCC2CBF' E1' '' I 'FF BF' B ' @2' CT
N2F ' ' @BK32' B ' *2FC 'EG!' @2' @ 1@' ' 'F' 4BH2F3' @2' F2C ' E3'
B ' 'L E'' 'EA' 2F'N@ ' ' 2M 'EA2F' @2' (4 2 ' H2E K3' 'EA'
@2BAK K3 ' ' ' C 'F GF3!' E' @2' 4@ 'N2 'L2E2 ' @' !') BC E 4' 3'
3 ' A' B' @ 'H2' '12 ' 2A' @ C32 ' @F22' C23' E 1@ G ' ? N2F4@A'
KE' 4B NB' 3B B' EBE' 'LL '3 'H'' N 'F' CBF 4 'F2' ' 4 ' C 2!J
' @2' 2EA' B ' @2' F 1@ ' ' 3 2' 3' @2' @ 'N2 ' B ' @2' BT
3 'FG ' I @2F2' '' L2 'K K ' N 4 KF2' B ' '33B 2FF ' B ' 4 ' 2A' 2' ''
'ABEE'' A2 ' B3 'F B J' 4BC C 2CBF' 23' @2' H 3 BE' B ' !'
) BC E 4' BE' @' ' 3NB ' E' I @ 4@' @2' F242 H2A' @2' FB3 'FG' FBC'
@2' @ 'EA3' B ' @2' F1 E!

? !' ' @2F E2 'B ' 2E'' OE22 3' I @' V) BE E 4' L2 BF2' @2' @FBE2'
B ' @2' 'ABEE'' D @2' G' ' ' @2F' 22 !' @2' E 'E ' 'H BKF' 3' KFE2A'
B I 'FA3' @2F ' 'EA' I @' BE2' @ 'EA' @2' 4FB I E3' @2F' I @' @BFE3 ' I @' @2'
B @2F' @2' NF232E 3' @2' FB3 'FG!' @ 3' 3' @2' C '3 2F"N 242' B ' @2' N ' E 2F '
I @' ' ' @ 3' K3K ' ' 2 21 'E42 ' I @BK ' @ 3' K3K ' ' E3 N A G!J% 4 3! $7'
$ # -' 5!

2 I ' BC 'E' ' @B 4' NF '4 423' @ 'H2' 2M4 2A' CBF2' 'E T
C 'AH2F3 BE'! @ 'E' @2' ?' H ' E' F2N2 BE' J' B ' @2' I BF3@ N' B '
@2' B3 'FG!' @2' (2F2' '2BFA ' F2' '') BC E 4 'E ' A2 2EA2A'
' 3 'G E1% Y

? 2'F' BE' 3 2' 3BKF ' 2E' HBG'E 'N'332F'A2' BE1K23' 23'A2'12E3'SK ' F2A 32E ' KE2' C2C2' N'FB 2!' 2 K ' SK ' 23 ' 24 ' F2' A()KE2' C2 2KF2' KC 2F2'4BCNF2EA'SK2' ()' C BKFE()' 'SK()KE' C B ' 2 'SK()2E' 2'A 3'E ' BK BKF3 ' 'E2' 2'F2N2 2' 'C ' 3!'J

*FBKN2A' 'FBKEA' @ 3' 4@'N2 ' 'F2' @F22' L2'K K ' BCL3 % ' '' 4'FA E' ' '' L 3@BN ' 'EA' '' NF 23 ' B ' @2' 2EA' B ' @2' 22E @' 42E KFG!' @' ' B ' @2' 4'FA E' ' I@ 4@' 3' B ' @2' I 2 "OEB I E' BC'E' GN2' B ' @2' C2 ' 3' E34F L2A' ?' $ ' CBF 2E3' H H2F2 ' H M ' 23 ' C BF KFK3 @2' B @2F3' 'F2' E4 32A' 3 'L3!' ' @2' B @2F' 2EA' B ' @ 3' ' 3 2' 3' '' C 'FL 2' 3 'L ' BE' I@ 4@' !') BC E 4' 3' 3' A' B' @'H2' L22E' IB ' B' 2' NFB3 F' 2' E' NF'G2F!' E2' A'G' I@ 2' @2' I '3' G E1' @K3' @2') 2H ' E' @ 3' F'12' 3' 3' A' B' =@'H2' @KF 2A' '' @K12' 3 BE2' '' FBKEA' L '4O' C 'FL 2 ' 9 0 7' $ ' 97 7% K' ' ' @ C ' I@ 4@' C 332A' @2' 3' E ' I@B' 2 ' @2' ' '4O' 2E F2 G' KEEB 42A!' @2' A2H ' I '3' F'E 4' I @' A 3T 'NNB E C2E ' 'EA' @2' 3 BE2' F2C ' E E1' '3' '' F2 4 ' 3' NF2T 32FH2A' BE' '' B I ' N 'F' E' @2' E'H2!' ' 3C ' ' 1B @ 4' 4 LBF KC ' F 4@ G' E ' A' I @' CB3' 4 ' F2C ' E3' BE' @2' 2 ' B ' @2' F LKE2!

N2E E1' FSC' @2' 2 ' ' 3 2' 3' '' 4@'N2 ' LK ' LG' 4' B K34 'EG% H2FG' E4@' C' NF24 BK3' C 'FL 23!' [@2' F'C2' B ' @2' N'E2 ' BE' @2' 2 ' 3' 3' A' B' L2' KE SK2!

' I '3' E' @ 3' 4@KF4@ ' E' 9 , ' @' ' !' G'4 E @ ' 3 FK4O' LG' @2' NF2'4@ E1' B ' ") BC E 4 ' 'EA' LG' @2' F24B 24 BE' B ' @2' L'FL'F 3C ' @2' @2E 3C ' 'EA' 1EBF'E42' I @ 4@' NF2T H' 2A' E' C 'EG' N'F 3' B ' @ 3' E' H2' 'EA' B ' 23 ' ' B 2F2A' @ C32 ' '3' 3' C 33 BE'FG ' 'EA ' BBO' @2' HB I 3' B ' @2') BC E 4 'E' FA2F ' B12 @2F' I @' @ 3' 4BK3 E' ' 23 '3!'

@2F ' 2A' B' @2' CBE'3 4' 2' !' @BC '3' SK E'3 ' NKFT 3K2A' B' @2' H2FG' ABBF' B ' @2' 4BEH2E ' LG' 2' 2'F3' 'EA' BK 4F 23' B ' @ 3' CB @2F ' I@B' H ' O G' CN BF2A' @ C' B' F2 KFE' B' @2F!' E2' 2H2E E1' ' '' N 1F C ' I BFE' BK ' I @' F'H2 ' 'EA

' 1K2' 'FF H2A' ' ' @2' ABBF' B ' @ 3' 4BEH2E ' CBKE 2A' KNBE' '' I F2 4@2A' CK 2 ' 'EA' CN BF2A' 'AC 'E42!' @2' NF BF' E' CB402FG ' '302A ' ? @' ' 'F2' GBK' 4BC2' BF ' CG' ' @2F ' 'F2' GBK' 4BC2' B' 322' ' @2' 4B 212' B ' 4 'FA E ' 3' 3' A 3NB32A' B' 2 24 ' GBK' '3' NBN2' RJ' ?' ' 4BC2' B' BC2 J' F2N 2A' @2 N 1F C' 4@2 2' *@ 3 2F ' ?' L24 'K32' @2' E 2F23 3' B ' @2' @KF4@' F2SK F2' ' 'EA' ' 3@' ' 2 'H2' '3' 3BBE' '3' CG' '3O' 3' '44BCN 3@2AD C2 'E I @ 2' ' CN BF2' GBK' B' 1 H2' C2' '' LF 2 ' @B3N ' G' 'EA' '' 2' @ 'G' BF' CG' CK 2!J' M 22E' G2 'F3' ' 2F I 'FA3' *@ 3 2F ' CBKE 2A' @2' N 'N' ' @FBE2' '3' (K3' !' 'EA' NFBH2A ' AKF E1' '' FBKL 2A' F2 E ' @2' CB3 ' F 1 A' B B I 2F 'EA' 2 '12F' A2 2EA2F' B ' @2' E3 K BE3' B ' !') BC E 4!' E2' A 'G' '3' *@ 3 2F ' I '3' 'LBK ' B' O 33' @ 3' 4FK4 M' E' @2' 2 '12FT E233' B 'NF 'G2F ' ?' @2' C '12' B ' @F 3 J' 3 'G3' 2' 212EA ' F2 F2A' B ' 3' B I E' '44BFA' FBC' @ 3' BK4@ ' BF' ' @ 'A' L22E' NB 3BE2A' LG' 'E' 2E2CG ' 'EA' '' O 33' I BK A' @ 'H2' L22E' A2 ' @!' @ 3' 4FK4 M' 3' EB I ' NF232FH2A' '3' '' NF24 BK3' F2 4' E' @2' 4BEH2E ' I @2F2' @2' 42 3 ' LB @' B ' !') BC E 4' 'EA' B ' ' (K3' !' 'F2' NF232FH2A ' @BK1@' O2' CB3 ' @ 3 BF 4 ' ' 4@ 'CL2F3' B ' BC 'E' 3 ' E 3 ' @2 F' E 2F23 ' 3' 2332E2A' LG' @2 F' @ 'H E1' L22E' L2 'K 2A' 'EA' 4@ 'E12A' E B' 4@ 'N2 3!' E' @2' 42 ' B ' ') BC E 4' 3' '' NBF F ' ' LG' : 7447 ' BKEA2A' BE' @2' F24BFA3' B ' @ 3' N2F3BE ' ' 'NN2 'F 'E42D @2' G' 23' LG' @ 3' 3 A2 % @2' 1 BFG' @BH2F3' BH2F' @ 3' @2 'A % @2' 3' '3' @2' 4@FBE 4 2F' A2T 34F L23' @ C ' ?' B ' ' C 'P E1' L2 'K G!J' E' @ 3' 42 ' @2' 3' 3 ' A' F2SK2E G' B' @ 'H2' N '332A' F2' E 1@ ' E' NF 'G2F' I @' @ 3' F H ' ' !' F 'E4 3' B ' 33 3 !' @2' F2 24 BFG' 3' 4BEE24 2A' I @' 'EB @2F' 3 BFG' B ' ') BC E 4' 0%

/'/' ' @ 'NN2E2A' @ ' ' I @2E' @2' I '3' F23 A E1' I @' BF G' B ' @ 3' F 'F3' E' @2' 4BEH2E ' B ' ' !' 'L E ' ' ' C 2 ' @2' LFB @2F3' I @B' @ 'A' L22E' 32E ' B' L21' BF' NFBH 3 BE3' @ 'A' F2 KFE2A' I @' '' H2 G' 3C ' ' SK 'E G' B ' LF2 'A!

'EA' @2G'OE2I'EB'I@'' @2G'3@BK A' AB' BF'E 1@' I'3'' @'EA''EA' @2G'@'A'EB'2' 2E'' 'A'G!' @2E' !')BC E 4'BFA2F2A'@'' @2G'3@BK A' 32'' @2C32 H23' E' @2'F2 24 BFG''EA' 'O E1'@3'N '42'' @2'@2'A'B '@2' 'L 2' @2' NFBEBKE42A' @2' K3K''L 233 E1'0 'EA' L2@B A'X IB' L2'K K' GBK @3' 4 'A' E' I@ 2' 'EA' 3@ E E1' 1'FC2E 3' 'NN2'F2A' 'CBE13' @2C'0 BE2' 4'FF 2A''L'3O2 'B 'LF2'A''EA' @2' B @2F''N 4@2F' B 'I E2'I@ 4@' @2G'A 3 F LK 2A' B' @2' LF2 @F2E'0 @2E' @2G'A 3'NN2'F2A' 'EA' EB' BE2' OE2I'@BI' @2G'@'A' 4BC2' E' EBF' @BI' @2G'@'A' 1BE2' BK !' EA' @2' LF2 @F2E'3'' E''C'P2C 2E 0 LK' !')BC E 4'3 F2 4@2A' BF @'@ 3'@'EA' 'EA' 3' A' 4' C G'/ G'4@ AF2E'2''I@''*BA' @' @'32E' GBK'0 'EA' 'I'3' FK G'42 23 '' BBA'3K4@''3' @2G'@'A'E2H2F' '3 2A'L2 BF2'EBF'3 E42!J' (4 3! ' $ # -' 5! .N!' 7;8!

@2F' 3'E 3' I@B' 3B B C2A' BF' '' C2' E' @ 3' 4BEH2E' I2F2' ! BFL2F' BKEA2F'B' @2' (F2CBE3 F' 2E3 'E3' BL!' 7: ''EA' ! 'GCBEA'A2' (2E' BF 2' BL!' 9-\ 'I@B' 2 '@ 3' 'LBKF3' E' 'F42 BE'' BF' '' C2' E' 97<' B' '4' '3' 4@'N ' E' B' *F21BFG' 5!

E' 9,-' !4BE4 'H2' I'3' @2 A''' '! 'L E'' BF' @2' 2 24 BE' B'' 3K44233BF' B' (BN2' 'F E' !'LK' I'3' LFBO2E' KN' LG' @2' C' 'F''3 M' 4'FA E' 3' AG E1''BE42' I @ E' @2' 4BEH2E' 'EA' '' @2' F23' 'O E1' 1@'2M42N' 'FA E'' 'H2 'I@B' IBK A' EB' A232F'@ 3' N' 2FE''@BC2' 'EA' 3KFH H2A' LG' O22NT E1' 'F12' F23' 4BE3 'E G' LKFE E1' E' @ 3' 4@'CL2F!' 2E' CBE @3' ' 2FI'FA3' @ 3' N2F32H2F'E42' I'3' F2I'FA2A' LG' @ 3' BIE' 2 24 BE' B' @2' @FBE2' '3' BEBF K3' !

E' @2'1'FA2E' B' @2' 4BEH2E' 'F2' 3BC2' 3C''F2C' E3' B' @2' N' '42' B' @2' 'H2 'NBN2' BEBF K3' !' 2F2'B@' @2' A24 H G' B' @2' H2E E2'C'EG' CNBF 'E' 2M4'H' BE3' I2F2' C'A2' E' ,\;"\-' LG' @2' F2E4@' (F BF' 233BE' '' N2F3BE' B' 1F2'' E 2 12E42' 'EA' @2' I'3' F2I'FA2A' LG' @2' A 34BH2FG' B''E' 'E4 2E' BC'E' @BK32% 3'4@'CL2F3' N'H1A' I @'L '4O' 'EA' I@ 2' CB3' 4' 'EA' 3BC2' hE2' F'1C2E 3' B' @2' I'' B' 2FH K3' K K3' BFC2A' B' 1 1'E 4' L B4O3' B' N2N2F EB!

E @2 4@'CL2F3 I@4@ I2F2 BKEA A24BF' 2A E 3 K44B I @ F2CE'E 3 B N' E E1 E 1KF23 'EA 'F'L23SK2 BFE'C2E 3 ?' BE2 2 1FBKN F2NF232E 2A '3'4F 42 L2 BF2 @2 3 ' K2 B '1BA E 'E CA 4K '! BC2 FKA2 G 34F' 4@2A ' E E23 BE @ 3 3KF '42 2A B @2 E 2F2E42 @' @ 3 4@'CL2F ' 2F L24BC E1 3KL 2FF'E2'E 'EA B @2F I 32 KE E@'L 'L 2 'A 32FH2A BF '' NF 3BE BE2 KE BF KE' 2 EC' 2 @'H E1 E34F L2A 4KF323 '1' E3 @B32 I@B 4'K32A @ 3 B33 B L2F G 'EA 'EB @2F CBF2 A2HBK 2 F24BFA B @ 3 HB I 3 B 3'4F 42 B '44@K3 E 4'32 B F24BH2F E1 @' L 233 E1!J

E42 @2 A2' @ B (F BF 2 BE @2 IBFO3 @'H2 L22E 'L'EABE2A 'EA @2 F2C' E3 ' F2'AG A 34BH2F2A @'H2 L22E BF @2 CB3 N'F 2'F @2A KN '1' E! EGCN@2KC '' I2 'EA 32H2F' 3KL 2FF'E2'E N'33'123 'F2 3 XR H 3 L 2 BE @2 @ 3 A2!

UK3 L2GBEA '! 'L E'' 3 @2 U2FBEGC 2 @ @ 7 $ 5 0 # 66 @2 BE G CBE'3 2FG B U2FBEGC 23 E ' G I@2F2 C2' I'3 ' BI2A B L2 2' 2E % E 4BE" 3 A2F' LE B @2 C' 'F '! @2 F3 4@KF4@ 2F24 2A @2F2 I'3 LK E & 7<\ E @BEBKF B ! BE '42 C'F GF LG 1'2 '' EBL 2 BC'E 'AG I@B32 32FH'E 'EA BH2F @2 @'A L22E! I'3 F24BE324F' 2A !)! :< LG EEB42E ! E @BEBKF B ! 2M 3 I@B32 N' 2FE' C'E3 BE I'3 BE @ 3 3 2! @ 3 3' E GBKE1 'EA L2'K K BBO '' HB I B H F1 E G 'EA L2 E1 BF42A LG @ 3 N'F2 3 E B C'FF '12 2A BE @2 3'C2 2H2E E1 FBC @ 3 @BC2 'EA I'3 1 H2E KN '3 B3 ! BFE BK 'EA K 2F G 4@'E12A @2 F2 KFE2A C'EG G2'F3 2F I'FA3 B L2 E2'F @B32 I@B I2F2 A2'F B @ C 'EA F2C' E2A KEF24B1E 32A '3 '' NBBF L211'F KEA2F

2C'E3 BEKC2E 3 E BC2!

@2 3 ' F3 I @ 4@ 2A B @ 3 ' @2F\3 @BK32! 2H2E 22E G2 'F3 N'332A 'I 'G I @2E ' CG3 2F BK3 HB 42 3KAA2E G 24@B2A @FBK1@ @2 BC 'E 4@KF4@23 4FG E1 ? 22O G2 BK @2 C 'E B *BA @ ' @2 C 'G NF 'G BF BC2!J" @2 4FB I A I '3 3 F 402E I @ 'C 'P2C2E % I @2E @2 3 'C2 HB 42 4BET EK2A ? 22O E @2 @BK32 B KN@2C 'E!J @2E NBN2 2CN2FBF 'EA 32E' BF3 FK3@2A B12 @2F B @2 H2E E2 I @2F2 @2G BKEA @2 A23N 32A L211 'F AG E1 L2E2' @ @2 ABBF3 2N I @ @ 3 4BKE 2E 'E42 L2 'C E1 I @ 42 23 ' 1@ ' 4C4 M E BE2 @'EA 'EA ' 32' 2A N 'N2F E @2 B @2F! ' E G @2 N2BN 2 3 FBH2 B AF' I @2 N 'N2F FBC @2 E12F3 I @ 4@ I2F2 4 B3 E1 E @ 1F N2 B A2' @ LK I @2E EEBT 42E ! L'A2 @2 AG E1 C 'E E *BA\3 E 'C2\ B 1 H2 KN @2G BN2E2A 'EA @2 NBN2 F2 'A ' BKA" B @2 '3 BE 3@2A CK KA2 @2 3 2 B 2M 3 'EA @ 3 ' @2F KN@2C 'E 'EA @ 3 I AB I 2A LF A2 F21' E2A E A2' @ @2 3BE 'EA @2 @K3L 'EA @2G @'A B3 !

! 233 B 3 2E 2F2A @FBK1@ ' 4BKF G'FA!

? @2' 4BKF G'FA3' E' FBE ' B ' ! 233 B ' '!' 24 ' ' ! >F21BF B ' 'EA' B @2F' 4@KF4@23 ' 'F2' O2' @2' H23 LK '' B ' @2' 'E4 2E ' BC 'E' @BK323 ' BE' @2' 3 2' B ' I @ 4@' @2G' I 2F2' NFBL 'L G' LK ! @ 3' 3 G 2' B ' LK A E1 ' 3 'G3' '4 K3 ' I '3' 12E2F ' G' E FBAK42A' LG' 2FB!' 2GBEA' BN2E2A' @2' , #% .' BF' EE2F' 2E F'E42 ' I @' @2' -!" ; BF' @2' NBF 2F' 'EA' AB1 ' #% 4@ ' E2A ' BE' 2 @2F' 3 A2!'J' =

E @2' NBF 4B B ' @2' 4@KF4@ 3 ' 3 ' K2 B ' 2E2A 4 ' 5 ' (2 FB F3 E ' -9 : ! @2' I 23 ' ABBF' @' 3 ' F 4@ LBFA2F' 0 CB3' 4! @2' 4@KF4@ @' 3 L22E' 3B CK4@ CBA2FE 32A '3 B F2 ' E' EB 'NN2 'F' E42' B ' 'E SK G! @2' E2' NK3" 2M 'E" AF EKC N 'H2C2E ' 3 NF232FH2A! E @2 ' BBF 3 @2' E4 32A 1B @ 4 CBEKC2E ' B ' KNB A ' C2 B ' 12F 2F' ' B ' @2' U2FBEGC 23 BL! : 77 ! 2 ' B ' @2' 2E F'E42' 3 ' 3@F E2' B

!' 233 B ' I @' @ 3' 1KF2' 3 22N E1' KEA2F' @2' 3 ' F4'32% ! N'F ' B ' @2' '4 K' ' I BBA ' ' 3 ' F3' L2 E1' 2E4 B32A' E' '' 1 '33' 4'32' BH2F' @ 3' @2'A!' B ' 'F' FBC' @ 3' 3' @2' 'E4 2E ' I 2 ' B ' @ 3' ' @2F()3' @BK32!' E' '' 4@'N2 ' I @ 4@' BN2E3' BK ' B ' '' N'33'12' 2'A E1' B' @2' 3'4F 3 G' 3' @2' E2 BCL' B ' 'FA E' ' *K AB' A ' ' E2B ' B ' @2' C2' B ' 2B' 5!' 2' 3' F2NF232E 2A' 3 E1' "I @' BE2' @'EA' F23 E1' BE' @2' 1FBKEA% @2' A2 4' 2' 2M24K BE' B ' @ 3' '42' E' C'FL 2' 3' CK4@' 'AC F2A!' @2' CB3' 4' FBB ' B ' @ 3' 4@'N2 ' I '3' LKF3 ' BN2E' LG' '' 4'EEBE"L' ' AKF E1' @2' F2E4@' LBCL'FAC2E ' B ' ,:8 ' LK ' @2' 1KF2' I '3' KE E KF2A!' @2' L' A'44@ EB"' I 2 ' OEB I E' FBC' '4"' N@2F3BE()3' N@B B1F'N@3 ' 3' F2C'F D'L 2' BF' 3' N2F 24 ' NFBT NBF BE3!' 2@ EA ' E' @2' F LKE2 ' 'F2' @2' E ' A' CB3' 4' N 'F3' B ' '' 1B @ 4' 'L2FE'4 2!' B' BE2' 3@BK A' BC ' B' A2342EA' E B' @2' 390' ' ' # 66 ' I @ 4@' ''E' 2'F G' 4@KF4@ ' 3KNNBF 2A' BE' 3 KE 2A' N 'F3 ' 'EA' 4BE ' E E1' '' C'FL 2' 2N 34BN' ' 4@' F ' 1F22E' I @' '12!' 2F2' @2' NBN2' K32A' B' C22 ' @2' 2'F G' 4BE4 'H23' B ' @2' @KF4@' E' C23' B ' N2F32T 4K BE!' @2' N 'F' KEA2F' @2' ' 'F' 3' 3@B I E' '3' @' ' B' I @ 4@' !' 2L'3 'E' I '3' LBKEA' I @2E' @2' I '3' 3@B ' I @' @2' 'FFB I 3!

@2' 4 B 3 2F' B ' @2' 4BEH2E ' FBC' I @ 4@' 'A 23' 'F2' 2M4 KA2A ' L BBC3' I @' BF'E12' 'EA' 2CBE' F223!' @2F2' 'F2' BE G' 3 M' U2FBEGC 2' LF2 @F2E' @2F2' EB I!' @2' 4BEH2E ' I '3' ' ' BE2' C2' NKF4@'32A' LG' @2' ' 2' 2M"O E1' 2FA T E'EA' B ' N' E ' I@B' E 2EA2A' KFE E1' ' E B' '' H '' BF' @ C32 !

' 3@BF ' A 3 'E42' L2GBEA' !' 233 B' 3' '' 3BF ' B ' 2' 3SK'F2 ' 'ABE 2A' I @' FBN@ 2A' C2CBF ' 3' B ' @2' OE 1@ 3' B ' ' ' '' 'EA' B44KNG E1' @2' '3 2' B ' @2' 'KF2 ' 1FBH2' FC '" K3 FKC ' I @ 4@' 4BE ' E2A' @2' BCL' B ' ' K3!' 2F2' 3' @2

2E F'E42' B ' @2' (F BF' B' 1'FA2E ' I@2F2' 3' @2' 'CBK3') Y' ' 0' !$ 0-6' 0@ 8%@' 0@ ' 3@ # ' 'AC F2A' LG' 4FB I A3' B ' N2BN 2' BE' 3@" 2AE23A'G ' I@2E' @2' ?'3 'P BE2'M' 3' @2 A' ' ' @2' E2 1@LBKF E1' 4@KF4@23!' E 2F E1' @2' 1'FA2E' I@ 4@' 4'E' ' I 'G3' L2' H 3 2A ' I2' EA' BKF32 H23' E' '' L2'K K ' 'H2EK2' B ' B A' L'G" F223' F'C E1"' @2' A 3 'E ' !' (2 2F(3!' ' 2FF'42' BH2F@'E1 E1' @2' L2F' @'3' 'E' 2E4@'E E1' H 2 I ' BH2F' @2' F H2F' 'EA' B I E!' E' @2' 1'FA2E' 3' 'E' B A' N2NN2F"' F22' 'EA' E' '' 2' 4BKF ' '' N 4 KF23SK2' N' C" F22' 'EA' I 2 !' FBC' @2E42' I2' 4'E' 2E 2F' @2' 4@KF4@' 3BC2 C23' 4' 2A' ! : 76 # ' 3BC2 C23' 07 ' 7 7' 5 0 7' 'E' 'E4 2E ' LK A E1' CBA2FE P2A' LG' 'F E' ' 2PPBE 4B' E' -;\' FBC' @2' H2FG' EA 2F2E ' A23 1E3' N ' (F'E23 !' ' 4BE ' E3' 'E' E 2F23 E1' 4B 24 BE' B ' BCL3' CB3 ' B ' @2C' L2 BE1 E1' B' @2' #E 1@ 3' ^ ' ' 'D' @' ' B ' 3@BN' N E2 ' 3' 'E' 'E4 2E ' C'FL 2' 3'F4BN@'1K3 ' I @' '' F2 2 ' B ' E2FH '' 'EA' @2' K323!' ' F 4@ G' 34K N KF2A' 'E4 2E ' ' 'F' 4BET ' E3' F2 43' B ' 3' E 3' BKEA' L2E2' @' @2' N'H2C2E ' B ' @2' 4@KF4@!

@2' (F BF' B' 1'FA2E ' 3B' L2'K K ' 'EA' ' 4 H2' E' 32 ' @'3' 'E' 'AA BE' ' E 2F23 ' '3' @' ' E' I@ 4@' @2' 'CBK3' A2LF'EA' *F21BFG' !' <-7",< ' I '3' LFBK1@ ' KN' '3' '' LBG ' KEA2F' @2' 4'F2' B ' @ 3' KE4 2 ' I@B' I '3' 'LLB ' B ' @2' 'A B E E1' CBE'3 2FG!' ' C'33 H2' 4BC 42' E' @232' 1FBKEA3' 3' BE2' B ' @2' 2I ' 'F4@ 24 KF' ' F'1C2E 3' B ' 'E4 2E ' BC2' 2M 3 E1' BE' @2' H2E E2!' ' C 'G' 2F@'N3' @'H2' L2 BE12A' B' @2' 3C' 2F' 2CN 2' B ') 'E'' E' I@ 4@' ' K3' *F'44@K3' BBO' F2 K12 ' 'EA' E' 234'N E1' FBC' I@ 4@ ' AB I E' @2' 3 22N' @ 3 A2 ' @2' 3NF' E2A' @ 3' 'EO 2 ' 'EA' 3B' I '3' 'O2E' LG' @ 3' NKF3K2F3!' BC2' LKF 2A' @BK323' I 2F2' A 34BH2F2A' EA' 3BC2' NF24 BK3' H'323' LFBK1@ ' B' 1@ ' I@2E' $FL'E' !' LK ' @2' HB !' !' ± P

' 2 G LK F233 I ' 3 I @ 4@ EB I 3KNNBF @2 @ 3 A2 L2GBEA @2 (F BF' B!

@2 4 L2 B I @232 4BEH2E 3 3 @2 3KNNB32A 3 2 B @2 4'H2 B @2 1 'E '4K3 A234F L2A LG F1 !

?' '3N24K3 2 ' '4 ' A2 24 '' 'NN 'FK ' E12E3
21 ' ' 2 ' KCLFB332 N2E K3 N ' K2F2 4 'H2C '2
BE' 324K3 ' '4 3 ' SK ' N2E K3 H ' 2FF '' A2@ 342E3
E 2FE '3 F2 2F2 ' 32A23 ' 2 ' F21E '' F24 KA ' '
(' A ' ' A 3 EH 3 '' 3KN2FSK2 C C 'E2 L 'F ' @FKC
2C ' KF ' F2N A2E SK2 C C 33B KC E2 C 'E23!J
$ ' L! H !

2F4K 23 LFBK1@ @2 BM2E B * 2FGBE B N '3 KF2 E @2 H ' 2G L2 I 22E @2 H2E E2 'EA (' ' E2! '4K3 33K E1 FBC @ 3 4 'H2 ' I @ 2 @2 F B I E2F I '3 '3 22N 4 'FF 2A B BKF B @2 LK 3 AF '11 E1 @2C @2 3 22N 3 A2 B @2 @ LG @2 F ' 3 @' 2F4K 23 C 1@ L2 A242 H2A LG @2 F BB "NF E 3 L2 E1 F2H2F32A! @2E @2 4BE42 ' 2A @2C E @ 3 4 'H2FE ' 'EA L 'FF2A @2 2E F 'E42 I @ '' FB4O! 2F4K 23 3BK1@ @2 3 B 2E BM2E 2H2FG I @2F2 ' 'EA I @2E @2 4BK A EB EA @2C @2 I '3 1B E1 ' I 'G I @ @2 F2C ' EA2F! K ' '3 @2 AFBH2 @2C ' BE1 @2 H ' 2G E2 'F @2 L2F BE2 B @ 3 BM2E B I 2A 'EA I @2E @2 3 B 2E BM2E E @2 4 'H2 @2 'FA @' @2G 'E3 I 2F2A 'EA 2F4K 23 ' 2F FK3@ E1 @F22 C23 FBKEA @2 H2E E2 LB 1 I @ KFG 3@' 2F2A @2 3 BE2 I @ 4@ 1K 'FA2A @2 2E F 'E42 B @2 4 'H2 I @ '' C '33 B FB4O 'EA @BK1@ @2 1 'E HBC 2A BF @ 3CBO2 'EA 'C23 '1' E3 @ C @R 3 F 'E1 2A @ C E @ 3 'FC3! @K3 FKE3 @2 212EA I @ 4@ 3 2MN ' E2A LG CNLF2!

?' '4K3 @ 'L 2 KE2 4 'H2FE2 A2 H2E E ' CBE '1E2 2E BK ' 2CN3 C ' ' 'C22! EBE '1E2 'E4 2EE2C2E ' @2F 3322 A2 FB4@2F3 2 ' 4BKH2F 2 A2 BF2 3 ' ABE ' '' BF2 ' B2H ' ' 1 2C N3 2 2"C2C2 KE F2N ' F2 A2 L 'EA 3 ' 2 ' 'KE2 A2N2EA 'E42 2 ' K ' KE F23 2 SK ' 3KL3 3 '' A 'E3 23 2CN3 @ 3 B"

F SK23!' 2' '4K3'2 ' '3'E3' ABK 2' KE' LF 1'EA' 42 2LF2 ' A'E12F2KM' NBKF' 23' NA F23' AK'HB 3 E'12' ABE ' 'HB ' ' 23' FBKN2'KM' SK'EA' 3' ' ' 2E ' N' F2' A'E3' 23' NF23'3 K23' 'K' LBFA' AK' LF2' 2 ' LB F2' ()2'K' AK' 2KH2!' 3'@'K 3' ' 3' A2' '4K3' K ' 'H' 2E 'ABEE2' 42 2' 42 2LF 2' SK ' N'FC ' 23' N'G3'E3' FBC ' E3 ' 3()' '4@2' 2E4BF2' '' 323'N'F2 3 ' 2 ' 3KF BK ' 2' 3 F' '12C2' 2CN BG2' N'F' K ' NFBL 'L 2C2E 'N K3' A()KE2' B 3' NBKF' A2FBK 2F' 23' LBKH 2F3' A23' 2EH FBE3 ' 2E' 2C C2E'E ' 23' 'E C 'KM' SK() ' A2FBL ' ' ' C 'E 2F2' A2' 4'4@2F' '' A F24 BE' A2' 2KF3' N'3!' '' 4'H2FE2' AK' L'EA ' 'H' ' 2 2' A&BKH2F 2' 2 ' BF422' N'F' SK2 SK2' N' F2' 4BKF'12KM' SK ' G' 'H' 'N2E2 F2' H' 'CC2E ' C ' 1F2' '' 2FF2KF' SK2' 42' 2K' 3BK 2FF' E' 2 ' BFC A'L 2' E3N F' 'G' 'H' '3KFNF 3' 2' HB 2KF' 2 ' ()'H' ' 2 F'E1 A

? 2 '2 ' ' 2' 4FB 3 ' 2' F24 ' NF C 'B ' 'E()2 ' ' N'3' N K3' SK23 BE' A() 2F4K 2' SK2' A2' K 4' E ' 2 ' A'E3' 2SK2 ' '4K3'E()2 ' 'N'3' C 3' 'CBF ' N'F' KE' A2C "A 2K ' C ' 3'N'F' KE' 42F ' E' 24'F'EK3 ' N ' F2' H 1BKF2KM' 2 ' A2' 1F'EA2' ' $2!' '423'F24 3' A2' L2F12F3 ' SK ' ' ' 2E ' BK BKF3' 2M'12F'E ' 23' @BFF2KF3' A2' ()'E F2' A2' '4K3' 2 ' '' F23 3 'E42' A2323N2F22' A2' 42 K "4 ' H EF2E ' 32' C2 2F' N2K' ' N2K' A23' 4 F4BE3 'E423' C 2FH2 2K323!J% > 60 ' ' !' -<!

2' CK3 ' F2 F'42' BKF' 3 2N3 ' '3' 'F' '3' @2' 3KCC ' B ' @2' @ ' BI'FA3' @2' (' ' E2 ' 'EA' @2E' KFE' B' @2' F 1@ ' E' BFA2F' B' F2'4@' @2' K1 G' BL34KF2" BBO E1' @8 @' ' 07 ' ! 6 7 ' BKEA2A' LG' (BN2' K G4@ 'EK3' E' & ' 9,<' LK ' 2E F2 G' CBA2FE 32A' LG' 'FA E' ' * K3 E ' FBC' A23 1E3' B ' 'F B' BCL'FA ' I@B' 2E4'32A' 3' E2' 1F'E 2' 4B KCE3' E' C 32F'L 2' 3 K44B' N '3 2F3!' H2F' @2' @ 1@' ' 'F' 3' '' N 4 KF2' LG' !766 % 7 ' B ' @2' L'N 3C' B ' @2' 3' E ' I@ 4@' 3' 3' A' B' @'H2' 'O2E' N '42' E' @2' 'E4 2E ' 4FGN ' L2E2' @' @2' 4@KF4@' I@2F2' 'E' EH2F 2A' BF E @ 'E' 4'N ' % ' F2 4' B ' @2' 2CN 2' B ') 'E'' I@ 4@' B 42' B44KN 2A' @ 3' 3 2 % ' 3' 3@B IE' '3' @2' BE ' E' I@ 4@' '!' (F 34'' I '3' L'N 32A' LG' !' (2 2F!

N2E E1' FBC' @2' F 1@ ' ' 3 2' 3' '' O EA' B ' 2FF'42A' B11 '' I @' '' N24K 'F' 'EA' L2'K K ' H 2 I!' E' @2' 'A B E E1' H E2T G'FA' 'F2' @F22' 'F4@23' B ' 'E' 'SK2AK4 !

?' 44BFA E1' B' @2' B A' F'A BE' @ 3' 4@KF4@' 3 'EA3' BE' @2' 3 2' B ' @2' @BK32' B ' SK '' 'EA' (F 34 ' ' I @2F2' !' (2 2F' BA12A' I @2E' ' ' BC2' 'EA' I @B' 'F2' @2' 3' C2' C2E BE2A' LG' !' ('K ' '3' 2E "C' 42F3' D' 'EA' @2F2' 3' 3@B I E' @2' BE ' FBC' I @ 4@' '44BFA E1' B' @2' 3' C2' F'A BE' !' (2 2F' L'N 32A' @2' F3 ' BC 'E' 4BEH2F 3' B' @F 3 'E G!' @2' ' 'F" N 242' F2NF232E 3' @2' L'N 3C' B ' '!' (F 34 ' ' I @B32' F2C' E3' L2 E1' ' 2FT I 'FA3' N '42A' E' @2' 4@KF4@' '@'3' 3 E42' LBFE2' @2F' E' C2!' 44BFA E1' B' @2' 212EA ' 3@2' I '3' '' BC 'E' H F1 E' B ' K3 F BK3' L F @ ' I @B ' ' ' @2' '12' B ' @ F 22E' I '3' 2MNB32A' E' @2' 'CN@ @2' F2!' ' 2F42' BE' I '3' 2 ' BB32' KNBE' @2F ' LK ' @2F GBK @' 'EA' EEB42E42' A 3' FC2A' @2' KFG' B ' @2' 3 'H' 12' L2 '3 ' I @ 4@ ' E3 2' A' B ' 2' F E1' @2F' B' N 2423 ' @KCL G' 4O2A' @2F' 22 D%' B' @2' 1F2' ' 4BE3B ' BE' B ' @F 3 'E3' 'EA' @2' 4BE K3 BE' B ' AB ' 2F3!' 2 E1' 2A' L'4O' B' NF 3BE ' 3@2' I '3' @2F2' L2@2' A2A!' BC2 C23' 3@2' 3' F2NF232E 2A' I @' '' BE ' 3BC2 C23' I @' 'E' 2'1 2 ' L24 'K32' ' 3' F2 ' 2A' @' ' 'E' 2'1 2' I ' 4@2A' LG' @2F' LBAG' _ ' ' I '3' ' A' E' @2' 1F' H2' D' BF' @K3 ' 3 'G3' @2' 3 BFG ' I '3' H F1 E' EEB42E42' @BEBKF2A' LG' O E1 G' L FA' '3' I 2 ' '3' LG' O E1 G' L2 '3 !J% 6 '37 6

NNB3 2' @2' ABBF' B ' @ 3' 4@KF4@' 3' 2' 2E F'E42' B ' @2') % 7' $ ' 68 ' '' I A' 'EA' L2 'K K ' H E2G 'FA' B44KNG E1' @2' 1F2' 2F' N 'F ' B ' @ 3' A232F 2A' @ ' 'EA' 2M 2EA E1' '3' 'F '3' @2' (BF '' !' ('B B' 'EA' @2' NGF' C A' B ' ' K3' 23 K3!' 2H2F' ' 'FC' @BK323' 'F2' 34' 2F2A' 'CBE13 ' @2' H E23' 'EA' C ' F223!' 2F2' 'F2' L2 'K K ' H 2 I 3' BI 'FA3' @2' L'E' CBKE ' E3 ' 'EA' B' @2' (32KAB" H2E E2' I @' 3' BF F233T O2' 4BEH2E 3!' @2' 1FBKEA' 3' 2F2A' I @' F'1C2E i3' B ' C 'FL 23' 'EA' ' 'L'3 2F ' I @ 4@' 2' KE@22A2A' 'CBE1' @2' H212 'L 23 ' F2 43' B ' KEOEB I E' 2A 423' I @ 4@' BE42' 2MT 3 2A' @2F2!' UK3 ' I @2F2' @2' N' @' E' @2' H E2G 'FA' A2342EA3' '' 3 1@ ' A24 H G' B I 'FA3' !' ('B B ' 'F2' @2' E23 ' 2M 3 E1' F2C ' E3' B ' @2' 7##6' ' 5 86' 8## 86 ;' BFC2A' B ' 'F12' SK 'AF ' 2F' ' L B4O3' B ' K ' ' ' A' ' 2FE' 2 G' BE1' 'EA' 4FB33" I 'G3 ' '3' E ' @2' FK34 'E' LK A E13!' @2' 3NB ' 3' L2 'K K

' BC2' 'E SK 'F 23' ' F LK 2' @2 ' B' @2' I ' ' B ' @2' !ZH2E E2 ' LK ' LG' E4K3' 'MF K3!' @2' 'F4@ ' B '4BKF32 ' 3' 'E' 'AA BE!

'EA BH2F1FB I E LG '' KMKF 'E42 B ' I A C 1EBEEE2 2 'EA B @2F BI2F[' E @2 ' 2 3NF E1!

) 2342EA E1 B @2'H' 2G L2E2' @ '!' (F 34' ' 'EA 4FB33 E1 @2 'E2 I@ 4@ 2'A3 FBC @2 '' NN '' B @2 (BF '' !' ('B B ' I2 F2'4@' BE @2 3 A2 B ' @2 (32KAB" H2E E2 ' @2 @8 @ ' ' 7II7 ' I@ 4@ 3 3KNNB32A B C 'FO @2 3 2 B ' @2 (BF '' 'EAK34K 'E'' B ' @2 I ' 3 B ' 2FH K3 K K3! 3 NB3 BE 3 H2FG 3 F 0 E1 ' 'EA 3 NBF 4B ' LK ' E & ' +, 99 ' 3 N 4 KF23SK2 'EA 4KF BK3!

@ 3 4@KF4@ 3 B ' KEOEB I E BF 1 E ' LK ' 3 OEB I E B @'H2 2M 3 2A E @2 C2 B ' ! *F21BFG @2 *F2' ' 'EA B @'H2 L22E BE2 B ' @2 BKF 22E NF H 212A 'LL'4 23 B ' BC2! 3 N' FBE 3' E ' I'3 ! 'LL'3 ' 'E 'LLB ' B ' 'NN'AB4 ' ' I@B A 2A ' ' U2FK3' 2E E & ' \79!

?' @2 F24BFA B ' @2 'F 3 'U'4BLK3 A2 ' B3C ' 'A' 2A @2 @ FA G2 'F B ' EEB42E ' ! 9<\ 'BE @2 E 2 ' B ' @2 CB3 ' 4" E ' A'ABBF I 'G ' K3 23 K3 E 4 '33 E1 @ 3 4@KF4@ 'CBE1 CBEKC2E 3 B ' @2 @ F 22E @ 42E KFG! FBC 3 BF 1 E '' *F22O CBE'3 2FG ' I '3 '33 1E2A LG K4 K3 ! ' E : ' B @2 2E2A 4 E23 B ' @2 KEG FK 2! E 2N 1F 'N@ E2 'F @2 3 '4F 3 G C2E BE3 '' F2LK A E1 2 @2F B ' @2 4 B 2F3 BF 4@ 4@ ' F 79\ ' LG 'E 'LLB 'UB 'EE23 'EA E : ;\ @2 FBB ' I '3 F2E2 I 2A E I BBAT I BFO LG '' 4 'FA E ' ' @2 E2N@2 I ' B ' (K3 !

?' E \ 9 @2 3 2F4 'E3 B ' ' FH 'KM I 2F2 B4' 2A @2F2 LG UK K3 !D 'EA 3BC2 G2 'F3 ' 2F @232 LK A E13 I 2F2 1 H2E B @2 *2FC 'E 4" KE1 'F 'E B 212! C A3 ' 1 'FA2E3 'EA H E2G 'FA3 ' 'NNFB '4@2A LG '' 3B 'FG 'E2 L2 I 22E @2A12FB I 3 ' @ 3 EB I ' A232F 2A 3 'E4 K 'FG @ '3 '' 42F ' E ' 24 E1 4@ 'F '4 2F E 3 BF BCE233! 'H2 BE @KF3A 'G3 ' I @2E @2 *2FC 'E 3 KA2E 3 'F2 LFBK1@ ' @ @2 VLG @2 F U23K ' NFB 233BF3 B 2E H2E @2 3B KA2 LG @2 F 3NBF 3 'EA 4BEH2F32 ' I 2 C 1@ ' E2H2F 3K4422A E EA E1 2E F 'E42 B @ 3 SK 2 'F2 F2 ' B ' @2 CBEO3 B ' B A!

?' @ E @2 'F4@2A NBF4@ ' @FBK1@ I @ 4@ I 2 N '33 E B 'E BK 2F 4BKF ' I 2 F2 'A 'E E34F N BE 2 E1 @ ' ' @2F2 3 BBA 2 @BK32 'EA BF ' BFG 4 ' 2A #7 57K B ' '! G H ' ' CB @2F B ' ! ' *F21BFG @2 *F2 ' ' I @2E42 @2 N BK3 C ' FBE K32A A ' G B 32EA '' NBFF A12 B ' 21KC23 B @2F 3BE ' I @ 2 @2 E@ 'L 2A @ 3 CBE '3 2FG BE @2 HK3 ! 4 'KF ' BF

EBF @2FE' '342E ' ' @2' B2 'E!' @ E' @' ' 4BKF ' BFC2F G' 3 BBA' @2'
4 B 3 F' ' LK A E13 ' B ' I @ 4@' 2' EB I ' F2C ' E3!' ' '\'A2' 3' F2T
C 'FO 'L 2' BF' 3' ' F KC' E' I B'3 BF 23' 0 @2' KNN2F' I @' '' N 'F2A' 'F4'A2 '
NFBL ' L G' B ' @2' 22E @' 42E KFG' 0 @2' B I 2F' BFC2F G' 3KNNBF 2A' LG' 3 M'
NBFN@GFG' 4B KCE3 ' F2CBH2A' LG' (K3' !' B' 'ABFE' @2' ' 4 'E' LF 'FG '
I @2F2' @2G' 3 ' 3 'EA!' @2' NBFN@GFG' 3 ' K2 23' B ' I B' 2CN2FBF3' 2CT
LF ' 4 E1 ' 3KNNB32A' 2 @2F' 'E' 2CL 2C ' B ' @2' 4BE4BFA' L2 I 22E' @2' '3 ' 'EA'
23 ' BF' @2' E 2EA2A' NBF F ' 3' B ' @2' 4B"F2 1E E1' BE3 'E E2' !' 'EA'
BE3 'E3% '' 4KF BK3' 2M ' CN 2' B ' 34K N KF2' E' 3' A22N' A24 E2 ' 'EA'
NFBL ' L G' CNBF 2A' LG' * F220' CBEO3' FBC' BE3 'E EBN 2% NFB 24 ' FBC'
I B' B ' @B32' 'E4 2E ' 4B KCE3!J% > 7 6 ' $ 757# 0

@2' E 2F BF' B ' !' 'LL'' 3' E' 6 @2' L '3 4'' BFC!' '
F2 ' E3' 3BC2' F'1C2E 3' B ' E ' A' N'H2C2E 3 ' 3BC2' @'EAT
3BC2' E ' A' C 'FL 2' N 'E2 3' BE' 2 @2F' 3 A2' B ' @2' @ 1@' ' 'F '
'EA' 'E' 'E4 2E ' 3 'F4BN@' 1K3!' @2' F LKE2' @ '3' FKA2' N ' E E13'
B ' @2' BKF 22E @' 42E KFG% @2' 'H BKF' L2 I 22E' !' EAF2 I '
'EA' !' 'LL '3' @2' LLB 0' 'EA' L2 B I ' @2' FK4 M BE ' @2'
'ABEE ' ' 'EA' @2' I 2 H2' NB3 23!' 2E2 ' @' @2' F LKE2'
3' '' 4FGN % 'EA' BH2F' 3' ' 'F '' L2 'K K G' BFE ' C2E 2A'
A 30' I @' '' * F220' 4FB33' E' @2' 42E F2!

2@ EA' !' '@L '3' 3' 'EB @2F' A2 1@ K ' H E2G 'FA ' LK ' ' 3'
A 4K ' B' 1 ' E' 'AC 'E42!' 2F2' 'C E K3' '44 '' A2!'
34F L23' @2' A 34BH2FG' B ' '' CG3 2F BK3' 4@ ' CL2F' I @BK ' ABBF'
BF' I EAB I ' I@B32' N 'H2C2E ' I '3' B ' '1 ' 2' 'EA' 4BFE2 'E '
'EA' I @B32' I ' 3' I 2F2' N ' 2A' I @' ' 4BNN2F0' LK ' B ' @ 3'
EB @ E1' F2C ' E3!

B' F2 '4@' @2' F2C ' E 1' 4@KF4@' B ' @2' H2E E2 ' I 2'
@ 'H2' B' KFE' B' @2' '' NN ' ' 'EA' @2E' B B I ' @2' 'E2'
I @ 4@' 2 'A3' KN' @2' @ 3 A2' FBC' @2' ' @3' B ' 'F '4 ' '' B'
@2' @8 @' ' 07 ' : 7#I 7 ' I @B32' N 4 KF23SK2' F2A' LF 40'
B I 2F' BFC3 3B' 4BE3N 4KBK3' '' 2 ' KF2 ' '3' 322E' '1' E3 ' @2

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’ ’ ((!

@2’ (BF ’’ ’N2E’% ’ @3’ B ’ ’F’4’ ’% 1E’’ *K A % !’ 2F2B’ 2A’ 4@ 2B% !’ 3 B’ 2’) BC2E 4B% !’ 23’F2B’ !’ * BH’EE ’ E’ 2B’ %’ !’ * BH’EE ’ E’ (BF ’’ ’ E’ % B KCL’F KC’ B ’ @2’ F22AC2E’ B ’ 4 ’H ’% BCL’ B ’ @2’ 4 N B3% B KCL’F KC’ B ’ @2’ 1E’’ BA E ’ % F4@’ B ’) FK3K3% (BF ’’ !’ 2L’3 ’EB% BCL3’ B ’ *2 ’’ ’EA’ (F 3T 4 ’% @KF4@’ B ’) BC E2’ >KB’ ’A 3’ 1E’’ ’F’E4 ’ % ’ ’4BCL3’ B ’ !’ ’ M K3 ’ B ’ !’ (F2 2M ’ K3 ’ B ’ @2’ > 6’ ’EA’ !’ 2F2B’ 2A’ 4@ 2B% 2CN 2’ B ’ ’44@K3 ’ !’ $FL’EB% *FB B’ B ’ 12F ’’ % 2CN 2’ B ’) HK3’ 2A 4K K3 % ’3 4’’ ’EA’ ’ ’4BCL3’ B ’ !’ 2L’3 ’EB% F4K3’ B ’ ’M2E K3% 2CN 2’ B ’ BCK K3 ’ 3BE’ B ’ ’M2E K3% BCL’ B ’ 24 ’’ 2 2 ’% ’3 2’ B ’ @2’ *’2 ’E %’ BCL3’ B ’ @2’ ’’ NN ’% ’!’ ’F ’’ KBH’% BC’’ 244@ ’%’ ’3’ 2’ B BEA1% BF’A ’ 2 42 ’ &4!

’ ’ 6 ’ E 7’ 99 7 ’ 4’ 2A’ 21 E’’ ’FKC’ LG’ ’ K3 ’ I ’3’ L21KE’ !4!’ 7 9 ’ LG’ @2’ 2E3BF’ NN K3’ ’KA K3’ @2’ EA ’ ?’ @2’ CB3 ’ K3 F BK3’ B ’ @1’ 1F2’ ’ ’L E2’ ’EA’ (’T F 4 ’E’ F’42 ’ B ’ I @BC’ @2’ I ’3’ @2’ CB3 ’ F2C ’FO’L 2’ F2NF2T 32E ’ H2!J’ ’ I ’3’ N ’H2A’ @FBK1@BK ’ ’EA’ AKF E1’ @2’ F3 ’ N ’F ’ B ’ 3’ 4BKF32’ 32FH2A ’ ’3’ ’’ 0 EA’ B ’ N ’ F 4 ’E’ 42C2 2FG ’ L2 E1’ LBFA2F2A’ LG’ ’’ C ’1E 42E ’ ’H2EK2’ B ’ ’C G’ BCL3!’ ’ L21 ’E’ ’ ’ @2’ (BF ’’ ’N2E’ ’ 32 ’ 4FB332A’ LG’ @2’ ’KA ’E’ ’SG2AK4 ’ I @ 4@’ I ’3’ AK2’ B’ @2’ 3 ’C2’ 1F2’ ’ L2E2 ’4 BF % ’

?’ KL3 ’ ’A’ H2 2F23’ ’F4K3’ C ’ A ’C SK2’ ’N2E ’C ⁰⁄⁰

'EA' I '3' 4'FF 2A' LG' 'KA K3' '4FB33' @2' (BE E2' 'F3@23' '3' 'F' '3' 'NK' ' LK ' ' 2F I 'FA3' 2M 2EA2A' B' FKE"
AK3 KC!

@2' 3 2' B ' @2' (BF '' 'N2E' ' 3B' CNBF 'E ' '3' C 'FO E1' @2' 4BCC2E42C2E ' B ' @2' NN 'E' 'G ' I '3' BE1' '' A 3T NK 2A' 3KL 24 !' @2' BC 'E' 'E SK 'F 23' C ' E ' E2A' @' ' ' I '3' BK 3 A2' @2' NF232E ' ' 3 ' L '3 E1' @2 F' BN E BE' BE' @2' 3 ' 2C2E ' B ' !' * F21BFG' @' ' @2' F H2F' CB' I '3' E' @' ' 21 B ' 'EA' 4BE3 A2F E1' @2' CB' A2E 4' ' I @' '' 3C' ' 3 F2' C' I @ 4@' 3' 4FB332A' E' @2' @B B I ' 'LBK ' @' ' '' C 2' L2GBEA' @2' (BF '' !' 2L'3 'EB ' 'EA' I @ 4@' N'3323' @FBK1@' @2!' ' 2' ' 'F2 2 ' 'EA' ' 3' E B' @2' L2F' E2 'F' !' ('B B!' @ 3' 3 F2 'C ' @B I 2H2F ' I @ 4@' F 323' ' ' @2' BB ' B ' @2' L 'E' 3' L2 B I ' @ ' '02 ' A H A23' E B' IB' N 'F 3' 'LBK ' 3 M' C 23' FBC' BC2 ' 'E ' 3' 3C ' 2F' A H 3 BE ' ' 2F' B I E1' 4 B32' B' @2' (BF '' 'E' * BH 'EE ' F242A23' '1' E' E B' @2' 4BKE FG ' 2E 2F3' BC2' E2 'F' @2' (BF '' 2 FBE ' ' '' 2' L2@ EA' @2' @KF4@' B ' !' 3 B ' 'EA' N '33 E1' @FBK1@' @2' F4K3' 'M T CK3' ' 3' E B' @2' L2F' ' ' @2' (K 4@FKC, K3 ' L2 B I ' @2 2CN 2' B ' 23 '!' B32' B' @2' NB E ' I @2F2' @ 3 ' @2' 3C ' 2F' LF 'E4@' B ' @2' CB ' 4FB3323' @2' '' 'E' 2L'3 'EB ' F!' U!' !' ('FO2F ' E' , ; , "; 8 ' A 34BH2F2A' 3BC2' F2C ' E3 ' BE' @2' BF 1 E' ' E2' B ' I ' 3 ' E 4@ @2' @ '3' A2E 2A ' L2GBEA' ABKL ' '3' @B32' B ' @2' ! 07' 79 7' I @B32' NB3 BE' @' A' L22E' ' F2 ' AG' NFBH2A' LG' CN2F2' 'EA' B @2F' 'K @BF 23!

B32' B' @2' (BF '' 'N2E '' BBA' '' 'F12' 1FBKN' B ' @ 3T BF 4 ' ' LK A E13 ' B ' I @ 4@' EB' F '42' F2C ' E3!' E' @2' F 1@ ' B ' @2' 1 ' 2' I '3' @2' 2CN 2' B ' 'F3' 0

?' KM' 2 'A2C' 'F ' 23 '' 23 0' SK2FE' NFB3N 4 ' 2M F'' NNB3 KE ' 24 2' (BF '' 'N2E '' H 42!J

5 $ ' E760' H !' 8 !

' 3' NFBL'L G' E' ' K3 BE' B' @ 3' 2CN 2' @' ' (FBN2F K3' 3'G3' 0

?' FC 'SK2' SKKC' K 2FB' NBF B2' HB H'' 'N2E'3
KL34F L'E ' 3' HB' 1F' ''NK2 ''H FB!J
'' H!' / &' "

' 'F ' ' ' KA23' B' '' 2' 2CN 2' B ' 2F4K 23' E2'F' @ 3' 0

?' 'N2E''1F'EA' NBF '!SK''N K '1K '
(@FG1 32SK2' ' F 3' C B' SK'' 'H' ' 2FFKC
BF' BFK C' SK''H F2 '3'42F' 4'C NK3
'SK''NK3 ' 2FH2 ' 2F4K 3' 'EKC!J
=' #' !' / '' : -!

2'F' @2' 1' 2' ' 3B' 3 BBA' @ ' BCL' B ' @2' CKFA2F2A' 3 3 2F' B ' @2' BF' ' I @' @2' 2CN 23' B ' BEBKF' 'EA' F K2 ' HB I 2A' LG' 'F42 K3' 'EA' A2A 4' 2A' LG' @ 3' 3BE ' 'EA' '' BKE ' E ' A2A 4' 2A' B' 2F4KFG' 0

2' 3 ''SK'' 2F4KF 'NBF '2' H 4 E'' 'N2EC'D
' KH' '2MN2F 3' 4F2A2F2 ' EKC 2E' @ ' L2 !
K2' H2E ' E4 E4 K3' KE 4' 3' C 2F4' BF ' 2 ' K C ''
(KFK3' 3K '' SK' C' 2F' ' @ ' KF ' ''SK' C!
$ A'' '@ E4' 'KFK3' D 'KFB' 3N' F1KE KF' 'L' KA'
=' CE ' ' Ke2' ABC EB3' 3KE ' @ ' L KF'' EBHB3!J
8.' / #' ! ;-7!

' I '3' ' ' @2' (BF '' 'N2E'' @' ' @2' 3KFH HBF' B ' @2' BF' ' C2 ' @ 3' 3 3 2F!

?' BF' K3' I 2E ' @BC 2' ' ' @2' @2 'A' B ' @2' 'FCG' L2 'F E1' @ 3' F N 2' 3NB 3!' K ''3' @2G' I 2F2' AF' I E1' E2 'F' B' @2' 'N2E 'E' 1' 2 ' @ 3' 3 3 2F' 4' C 2' BK ' B' C 22 ' @ C!' B I ' 3@2' @ ' A' L22E' L2 FB @2A' E' C 'FF '12' B' BE2' B ' @2' KF ' ' 'EA' @ 3' 4 B' ' I @ 4@' 3@2' @ ' A' I FBK1@ ' I @' @2F' B I E' @' EA3 ' I ' 3' LBFE2' BE' @2' 3@BK A2F3' B ' @2F' LFB @2FD 'EA' 3@2' OE2 I ' ' 'EA' 4F 2A' ' BKA ' 'EA' I 2N ' BF' @ C' 3@2' @ ' A' BH2A!' ' @2' 3 1@ ' B ' @2F' 2 'F3' BF' K3' I ' 3' 3B' I F' @' @' ' @2' AF2 I ' @ 3' 3 I BFA ' 'EA' 3 ' LL2A' @ 3' 3 3 2F' B' @2' @2 ' F D 'EA' @2' 3' A ' / B' N2F 3@' @2' BC 'E' C ' A2E' I @B' 3@' ' I 22N' BF' @2F' 4BKE FG{3' 2E2C I X' { J% 07'6' > 60' ' ' ! ;!

HG ' !' <! ' HGD' MMH !' 9\' D MM M' !

> ‘

CBE1‘ @2‘ C'EG‘B @2F‘@ 3 BF 4'‘ 342E23‘ I @‘ I@ 4@‘ @2‘ (BF ''‘ 'N2E''‘ 3‘4BEE24 2A‘ I2‘ C'G‘F2C2CL2F‘ @'‘ ‘ I'3‘ @2F2‘ @'‘ 42FB‘ I'3‘F242 H2A‘ E‘ F KCN@‘ LG‘ @2‘32E' 2‘ 'EA‘ N2BN 2‘B ‘ BC2‘KNBE‘@ 3‘F2 KFE‘ FBC‘L'E 3@C2E‘ ‘ @0

IB‘FB'A3‘ 2'A‘ B‘ @2‘ ''‘ !‘ 2L'3 'EB‘ BE2‘ @2‘ ''‘ !‘ *F21BF B‘ I@ 4@‘ 4BC23‘ FBC‘ @2‘ B 32KC‘L2E2' @‘ @2‘ 'F4@‘ B‘ BE3 'E E20 @2‘ B @2F‘ @2‘ 3 F22‘ I@ 4@‘ 4BC23‘ FBC‘ @2‘ *@2 B‘ @FBK1@‘ @2‘ F4K3‘ 'M CK3‘L2 I22E‘ @2‘ (' ' FF2‘'EA‘ H2E 2!

@2‘ F3‘1' 2‘BE‘ @2‘ 2 ‘' 2F‘ @2‘ KE4 BE‘B‘ @232‘FB'A3‘ 3‘ @'‘ B‘ @2‘ H E2G'FA‘ B‘ @2‘ CBE03‘ B‘ !‘ *F21BF B‘ E‘ I@ 4@‘ @2‘3 2‘B‘ @2‘ (BF ''‘ 'N2E''‘ I'3‘ BKEA!‘ @2‘F2C' E3‘ A 34BH2F2A‘ @' 2‘L22E‘F2LKF 2A‘ B I E1‘ B‘ @2‘ EA 2F2E42‘ BF‘ 2' BK3G‘ B‘ @2‘ 1BH2FEC2E / LK‘ @2‘ H E2G'FA‘ 3‘ IBF @‘ 2E 2F E1‘ BE‘'44BKE‘B‘ @2‘ N 4 KF23SK2‘H 2I‘ ‘ NB3323323‘ B‘ @2‘ (' '42‘B‘ @2‘ '23'F3!

E‘ @2‘F 1@ ‘''‘ 'E2‘ 2'A3‘KN‘ @2‘ (32KAB" H2E E2‘ B‘ @2‘ @KF4@‘B‘ '!‘ ' L E''‘A234F L2A‘ @'N!‘ !

E‘ @2‘ 2 ‘ I@2F2‘ @2‘ ''‘ NN ''‘ 4FB3323‘ @2‘ LFBBO‘B‘ @2‘ CB‘ EB I‘ 4' 2A‘ 'F'EE''‘ @2‘ ''‘ A‘ 'E‘ 3 B‘ 244@ B‘ 2'A3‘ B‘ @2‘L'4O‘B‘ @2‘ B2 'E‘L2@ EA‘ !‘ 2 'EB‘ B BEAB!‘ 2F2‘ E‘ F2‘@B BI‘ 3‘''‘3NF E1‘I@ 4@‘CBA2FE‘ 'F4@'2B B1G‘@'3‘ A2 2FC E2A‘ B‘ L2‘ @2‘ C2‘E 07 ‘ ‘ % 7‘I@2F2‘ KC''‘ (BCN K3‘ 3‘A234F L2A‘ '3‘@'H E1‘@ 3‘ CG3 2F BK3‘C22 E13‘I @‘ @2‘E N@‘ 12F '!‘ @2‘ B4' G‘ B‘ @ 3‘ BKE ' E‘I'3‘H2F 2A‘I@2E‘ @''B‘ @2‘ (BF ''‘ 'N2E''‘ I'3‘ '342F ' E2A‘ '3‘ ‘I'3‘42F ' E‘ @''‘ ‘I'3‘ E‘ @2‘ CC2T A' 2‘ E2 1@LBKF@BBA‘ B‘ @''‘ 1' 2‘ FBC‘ ''‘N'33'12‘ E‘ @2‘ 7A‘ ' F2‘ B‘UKH2E' ‘ I@ 4@‘ A234F L23‘ @''‘ I@2E‘ @2‘ I'3‘ I' E1‘ ' ‘ @2‘ (BF ''‘ 'N2E''‘ I @‘ $CLF K3‘ I@ 2‘ @2

I '11BE' I '3' B'A E1' BF' @ 3' 2N'F KF2' B' KCB2' @2G' F'CL 2A' E B' @2' H' 2G' B ' 12F ' ' 'EA' UCLF K3' 3' A' ' 2F' 3N2'O E1' B ' @ 3' CB H23' BF' 2'H E1' BC2 ' ?' ' 4BK A' 'AA' B @2F' F2'3BE3' B' @232 ' LK ' CG' L2'3 3' 3KCCBE' C2' B' CBH2' BE ' 'EA' @2' 3KE' 3' 32 E1!' ' CK3 ' L2' 1B E1 ' BF' @2' CK 2 22F' @'3' BE1' L22E' 3KCCBE E1' C2' LG' @2' 4F'40 E1' B ' @ 3' I @ N!J

B' @ 3' H' 2G' @2' BNNF2332A' F'42' B ' @2' U2 I 3' I '3' 4BET E2A' LG') BC 'E ' @2 F' KFE KF2' 4BE3 3 E1' B ' '' L'3O2 ' 'EA' '' I @ 3N' B '@'G' 0

. ' KE4'3'4F ' BE 3' E2CK3'2 2 KLF ' ' B4'E KF'
UKA3A3 ' SKBFKC'4BN@ EK3' B2EKCSK2'3KN2 2M!J
41*!$ "'. # ! 7!

E' @2' F 1@ ' 'F2' @2' : 70@6' ' 7 7 7#7 - ' 'F123 ' C '33' B ' FK E3' E' BC2 ' 2M42N ' @2' B 32K C 0 4BE3 3 E1' BF' @2' CB3 ' N'F ' B ' @K12' 3@'N2 233' I ' 3' B ' F2A' 'EA' BF'E12'' 4B BKF2A' LF 40 I BFO ' F'C E1' H '3 ' 3 F N3' B ' L K2' 3OG ' 'EA' K 2A' I @' 3@FKL3' 'EA' B I 2F3!' @232' L' @3 ' I @ 4@' 4BK A' '44BC C BA' 2' ;B_ L' @2F3' ' ' BE42 ' I 2F2' L21KE' E' & ' 9 9 ' LG' 'F'4' ' ' 4BE EK2A' LG' 2 B1'L' K3 ' 'EA' E 3@2A' KEA2F' 2M'EA2F' 2H2FK3!' @2G' 4BH2F2A' '' 3N'42' B ' 9 ;9\ <<<' 3SK'F2' G'FA3"% ' ' 3 P2' I @ 4@' C'A2' CC 'EK3' 'F42 EK3' 3'G' @' ' @2' BC 'E' L' @3' I 2F2' O ['NFBH E423% 'EA' @2G' I 2F2' 3KNN 2A' I @' I ' 2F' LG' @2' E BE E2' SK2AK4 ' I @ 4@' I '3' LFBK1@ ' @ @2F' BF' @' ' 23N24 ' ' NKFNB32' FBC' @2' 'KA 'E ' BH2F' @2' F4@' B FK3K3!

E SK'F 23' @'H2' 'CK32A' @2C32 H23' LG' A2E G E1' A T 2F2E ' 4@'CL2F3 ' B' I @ 4@ ' I @' 4BE3 A2F'L 2' KE42F ' E G ' @2' E'C23' B '= ' A'F KC ' '4BE 4KC ' 2N A'F KC ' F 1 '' A'F KC ' &S! ' @'H2' L22E' ' M2A!

@2' @'L 3' B ' KMKFG' 'EA' E2F BE' I @ 4@' I 2F2' E FBAK42A

I @‘ @2‘ C'1E 42E‘ L' @3‘B ‘ @2‘ 2CN2FBF3‘ I2F2‘ 'CBE1‘ @2‘ NF E4 N'‘ 4'K323‘ B ‘ @2‘ A24 E2‘ 'EA‘ ' ‘ B ‘ BC2!‘ @BKT 3'EA3‘ B ‘ @2‘ BC'E‘ GBK @‘ F 2F2A‘ ' I 'G‘ @2 F‘ @BKF3‘ E‘ @232‘ C'1E 42E‘ @' 3‘ I@4@‘ I2F2‘ NFBH A2A‘ I @‘ 2H2FGT @E1‘ I@4@‘ 4BK A‘ 1F' G‘ @2‘ 32E323!‘ (B2 3‘ I2F2‘ I6BE‘ B‘ F24 2‘ @2 F‘H2F323‘ B‘ @B32‘ I@B‘ I2F2‘F24 E E1‘ E‘ @2‘L' @3!

"""""""""?' E' C2A B'SK

4F N '' BFB'F24 2E ' 3KE ' C K % SK SK2' 'H'E 230

K'H2' B4K3'HB4 'F23BE' ' 4BE4 K3K3!J

-!.‘ #:‘ !‘ :!

?' @232' %! 3 'B ' 3 F'4' ' ' I @ 4@' I 2F2' BE2' C 2' E' 4 F4KC 2F2E42 ' 'EA' BN2E' ' '3 ' 2A' @BKF3‘ BF‘ @2' EA 34F C E' 2' 32FH 42' B ' @2' 32E' BF3‘ 'EA' @2' N2BN 2 ' 4BE ' E2A' 'LBH2' 3 M 22E' @KEAF2A' 32' 3' B ' C 'FL 2!‘ @2' I ' 3' B ' @2' B G' 'N'F C2E 3' I2F2' 4BH2F2A' I @' 4KF BK3‘ CB3' 43‘ @' ' C ' 2A' @2' 'F ' B ' @2' N2E4 ' E' 2 21'E42' B ' A23 1E' 'EA' E' @2' H'F 2 G' B ' @2 F‘4B BKF3!‘ @2' 1GN 'E'1F'E 2' I ' 3' L2 ' K K G' 2E4FK3 2A' I @' @2' NF24 BK3‘ 1F22E' C 'FL 2' B ' KC A '!‘ @2' N2FN2 K' ' 3 F2 ' C ' B '@B ' I ' 2F' I '3' NBKF2A‘ E B' @2' 4 'N ' 4 BK3' L ' 3BE3‘ @FBK1@' 3B' C 'EG' I A2' C BK @3' B ' LF 1@ ' ' EA' C ' 33G' 3 H2F0 'EA' @2' C2 'E23 ' BC 'E' 4BK A' NKF4@ ' 32 ' I @' ''3C ' ' 4BNN2F‘4B E ' @2' A ' G' 2E BGC 2E ' B ' '' 342E2' B 'NBC N' 'EA' KMKFG' I @ 4@' C 1@ ' 2M4 2' @2' 2EHG' B ' @2' O E13' B ' 3 '!‘ FBC ' @232' 3 ' 2 G' N ' '423' 33K2A' BF @' '' 3I 'FC' B ' A F G' 'EA' F ' 112A' N 2L2 'E3 ' I @BK ' 3@B23' 'EA' I @BK ' C 'E 2'0 I@B' B 2F2A' ' I 'G'H B 2' A 'G3' EV @2' 3 F22 ' BF‘ BFKC ' B' @2 'F' E2I3' 'EA' B' @B A' A 3NK 230 I@B' A 33 N ' 2A ' E' 2M F'H ' 1 'E ' 1 'C E1 ' @2' C 32F'L 2' N 'E42' B ' @2 F' I H23' 'EA' 4@ AF2E'0 'EA' 3N2E ' @2' @BKF3' B ' @2' E 1@ ' E' @2' EAK 12E42' B ' 1FB33' 'EA' HK 1 'F' 32E3K' G!'J% 6"? $

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E‘ @2‘ F3‘ 1F2' ‘ @' ‘ I '3‘ BKEA‘ E‘ ,9:‘ @2‘ CC2E32‘ CB3' 4‘ N'H2C2E‘ B ‘ @2‘ NK1 3 3‘ EB I‘ E‘ @2‘ ' 2F'E‘ CK32KC!‘ EA 233‘ IBF03‘ B ‘ 'F V@'H2‘ L22E‘ A 34BH2F2A‘ @2F2‘ FBC‘ C2‘ B‘ C2‘ ' CBE1‘ @2C' @2‘ L23 ‘ B ‘ @2‘ 'FE232‘ 4B 24 BE‘ B '3 ' K23 % @2‘ K ‘ @2‘ 2F4K 23 ‘ 'EA‘ @2‘ BF' ‘ % I@4@ I2F2‘ AK1‘ KN‘ E‘ \7:‘ I@2E‘ ('K ‘ U ‘ 4 'FF 2A‘ B ‘ ' ‘ @2‘ 3 ‘ F2C ' E E1‘ C'FL 2 ‘A24BF' BE3‘ B ‘ @2‘ L' @3‘ B‘ K32‘ BF‘ @2‘ 'FE232‘ (' '42!‘ @2‘ '3 ‘ B ‘ @2‘ N 'F3‘ B‘ L2

ʻ I ʻ ʻ /

F2C BH2A' FBC' @2E42' 3' @' ' I @ 4@' 3KNNBF 3' @2' 3 ' K2' B ' UK3 42' E' @2' ('PP'' '!' F E ' ' ' BF2E42!

ʻ I EA E1' 3 ' F' 2'A3' B' @2' BN' B ' @2' I ' 3' I @ 4@' 'F2' I BF @' '342EA E1' '3' I 2 ' BF' @2' A2''' I @ 4@' GBK' @2F2' F242 H2' B ' @2' H '3 ' 3 P2' B ' @2' FK E3' '3' BF' @2' BH2 G' H 2 I 3' B ' @2' 'CN'1E' ' I @ 4@' 'F2' BL ' E2A' L2 I 22E' @2' LK3@23' B ' 2E 34K3' 'EA' 'FB2''' I @' I @ 4@' @2G' 'F2' F E12A!' ʻ I '3' 32' 2A' BE' @232' I ' 3' @' ' @2 2G' I FB 2' @ 3' ?' (FBC2 @2K3' $ELBKEA!J

?' @ 3' NB2C' I '3' 4@ 2 G' I F 2E' KNBE' @2' I KBKE ' EBK3' FK E3' B ' @2' @' @3' B ' 'F'4' ' ' ' C BE1' @2' B I 2FG' 1 'A23' 'EA' @ 4O2 3' B ' BABF 2FBK3' @ B33BC E1' F223' I @ 4@' 'F2' 2M 2EA2A' E' 2F" I EA E1' 'LGF E @3' KNBE' 3' C C 2E32' N ' BFC 3' 'EA' A PPG' 'F4@23' 3K3N2EA2A' E' @2' ' F!' @2' LF 1@ ' L K2' 3OG' B ' BC 2 ' 'EA' @2' 2 24 ' B ' @2' H 1BFBK3' ' I 'O2E E1' 3NF E1' E' @' ' A H E23 '4 C ' 2 ' 'EA' @2' E2 I ' 2' I @' I @ 4@' 'AF2E4@23' @2' 3N F 3' 2H2E' B' E BM 4' BE ' I 2F2' @2' E3N F ' BE' B ' @2' AF' ' >(!, -!'# ' #%!' 3!#%!1

?' ' E 2E' E ' 23' CKF' 23' 3BE ' EK23 ' 3 ' K ' SK2 SK23' F'1C 2E 3' A2' 4@' N 2 'KM' BKL 23' N' F' '' A23 FK4 BE' C ' 3' 2 23' 4BE32FH2E ' 42' SK2' 32K 23' A23' C ' E3' A2' 12' E ' NBKFF' 2E ' 2KF' B 2F ' 2KF' C '332' & F ' 3 ' E 2 ' '' 1F' EA2KF' A2' 2 F3' '3N24 3 ' ''3KL C 2' A2' 2KF3' FK E23!' E' E2' F21F2 2' F 2E' SK ' C 'BE' 4BE 2 VN 2' 423' 2EBFC 23' 2 ' N BF23SK2' A2LF 3 ' L ' 1E23' ' C A ' N ' F' KE2' ' FA2E 2' KC 2F2' BK' 32' F2C N 33 ' E ' A◊BC LF23' @' '' BC L22' A2' '' EK ' 3◊2 ' E1' E ' '' KE2' C C 2E32' @ ' K 2KF' H2F3' KE' 4 2 ' 2L BK 33 ' E ' BK' 32' AF233 ' E ' C BFE23' 2 ' C 'E4B SK23 ' 3BK3' KE' 4 2 ' 1F 3' F2 % BK' L 2E ' BF3SK2 ' C BE 'E ' 3KF' '' N ' 2" BFC 2' E21 ' 2 ' 4F2H '3322 ' 4BKH2F 2' A◊' F'' LK3 23' 2 ' 'N 3322' A2' 1'PBE ' SE' HB ' 4BE [2' AK' @ ' K ' A◊KE2' 4B E2 ' A◊KE' 4B 2' 32' A2FBK 2F' '' 4 ' C N ' 1E2' FBC ' E2' 2 ' 2' C 2FH2 2KM' @BF PBE' A2' C BE ' 1E23' SK ' '' 2FC E2 ' A2' ◊' K F2' ' NN ' F' F2 ' ' E3 ' SK◊KE2' C BE ' 1E2' A2' N K3 ' 2' ABC 2' A2' ' E " (2F ' '' 32K 2' A23' B2KHF23' A2' ◊@BC C 2' SK ' ' ' SK2 SK2' 4@B32' A2' '' 1F' EA2KF' A23' 42KHF23' A2') 2K J% 3'% !.' / 3 ' ' !' 9, ;!

@2' E' C2' B ' @2' 'E2' I @ 4@' 2'A3' B' @2' L' @3' ,) 7' 7##'' 0 7 $K' F24' 3' @2' U4' @' ' ?' I @' '' H'E G' I @ 4@' 322C3' 02' CB402FG ' 'F'4' '' A'F2A' B' L2'F' @2' E' C2

B ' BE EK3 J' I @ 4@' I '3' ' I 'G3' A2 'F' B' @2' BC 'E' N2BN 2!

('33 E1' KEA2F' @2' I ' ' B ' @2' 1BH2FEC2E "1 'FA2E' BF' F ' 3 E1' 3@FKL3' BF' @2' NKL 4' I ' 03 ' '' ABBF' BE' @2' 2 ' B ' @2' '' NN ' ' I @' '' 34K N KF2A' C 'FL 2' F 2P2' 'LBH2' ' 3' @' ' B ' *K A ' @2' 'E SK G' H2EABF' I@B' @'3' '' 3C ' ' CK32KC' @2F2' B ' 3N 2EA A' F'1C2E 3' B ' C 'FL 2' 'EA' ' 'L'3 2F' BF' 3 ' 2!' NNB3 2' 3' @2' 1E '' B ' 1EBF' *K A ' I @B' @'3' KE2 'F @2A' '' 3N 2EA A' CB3 ' 4' N'H2C2E ' B ' F BE3' F A E1' BE' AB N@ E3 ' 'EA' I@B' @'3' @2F2' ' 3B' '' 4B 24 BE' B ' 'E SK2' F'1C2E 3' B' L2' A 3NB32A' B !'

E' @2' F 1@ ' 3' ' ' $' @ ## ' '' CB3 ' E 2F23 E1' 2' 4@KF4@!' @2' F'A BE' CE3' @ ' ' !' (2 2F ' 1B E1' B' 2M24KT BE ' 2 ' AFBN' @2F2' BE2' B ' @2' L 'EA ' 123' B ' @ 3' I BKEA3 ' ' EA' @' ' @2' 3NB ' + 3' C 'FO2A' LG' @2' 2 'F G' @F 3 'E3' I @' 'E' BF' BFG ' I @ 4@' LBF2' @2' E 'C2' B ' '34 B '!' 2F2K3' 'EA' ' 4@ 23 ' 2KEK4@3' E' @2' 32FH 42' B ' 2C2E3' 'H K3' 'EA' 'H '') BC '' C2CL2F3' B ' @2' CN2F ' ' 'C G' 2M 2A' B' (BE '' KEA2F') B4 2 'E ' @'H E1' 3K 2F2A! C 'F GFABC' ' ' 2FF '4 E' ' @2 F' LBA 23' I 2F2' F 'E3NBF ' @2F2' ' e9 :' LG' UB@E' !' I @2E' @2' BF' BFG' I '3' 2E 'F12A' E B' '' 4@KF4@ ' I @ 4@' I '3' F23 BF2A' KEA2F' 2B' !' E' -8\!' @2' 4@KF4@' I '3' F2LK ' E' @2' 3 M 22E @' 42E KFG ' LG' 'FA E ' ' 'FBE K3 ' I @B' BBO' @ 3' 2' FBC' @ 42!' E' @ 3' I BFO' @2' A23 F2A' @' ' @2' 'E4 2E ' L '3 4 '' 4@'F '4 2F' 3@BK A' L2' 4 'F2 K G' 4 'FF 2A' BK ' 'EA' ' ' @2' 'E4 2E ' BFE ' C2E 3' S ' @2' 4@KF4@' I 2F2' NF232FH2A' 'EA' F2 "2F24 2A!' 3' 'EM 2 G' @' ' @ 3' 3K44233BF3' 3@BK A' EB ' C2AA 2' I @' BF' E KF2' @232' BL 24 3' B ' 'E SK G' 3' 3@B I E' LG' @2' E34F N BE' BE' '' C 'FL 2' 3 'L' E' @2' F LKE2' 0

?' (F23LG 2F ' 'FA!' K44233BF' SK K 3' K2F 3 ' FB1B' 2 ' N2F' 1 BF ' C) 2 ' 2 ' N2F' C2F '' @BFKC ' C ' F GFKC ' E @ ' A2C B ' E @ ' C EK B ' E24' C K ' BD

F23 K 'C' ' SK ' 2C' N 2' 32FH ' B' 3 4') 2K3' C 'F GFKC' 3KBF' C' NF24 LK3' 32C N2F' ' A KH2 XJ

@2' 4@ 'E42 ' 3' F' 32A' 'EA' 3KFFBKEA2A' LG' 'E' E ' A' C 'FL 2' 34F22E!' E3 2 'A' B ' 'CLBE23' @2F2' 'F2' IB' N ' E' C 'FL 2' F2 'A E1"A23O3' BF' @2' 2N 3 2' 'EA' 1B3N2 !' @2' ' 'F' 3' E ' A ' 'EA' @'3' ? F 'E32EE3 J' BF' '' C 'FL 2' 1F' E1 ' @FBK1@' I @ 4@' @2' BCL' B ' @2' 3 ' E 3' 2F2K3' 'EA' 4@ 23' C 'G' L2' 322E ' 'EA' @FBK1@' I @ 4@' @2' ' @ K ' C 1@ ' N '33' @2 F' @ 'EAO2F4@ 2 3' B' BK4@' !' 2@ EA ' E' @2' 32C 4 F4K 'F' 4@B F ' 3' 'E' 'E4 2E ' 2N 34BN' ' @FBE2 ' 3KNNBF 2A' LG' BE3 ' 'EA' 2EA E1' E' '' 1B @ 4' 1 'L 2!' $NBE' ' N 'F ' B ' @2' I2E G'' 2 1@ @' @BC G' B ' !' * F21BFG' I3 ' 2E1F' H2A6LG' 'FBE K3 ' KEA2F' @2' CNF233 BE' @' ' ' I '3' A2 H2F2A' @2E42 % @BK1@' ' I '3' F2' G' F3 ' F2 'A' E' @2' 4 ' '4BCL ' I@2E42' @2' LBA 23' B ' @2' 3 ' E 3' I2F2' EB ' G2 ' F2CBH2A!' ' L32' A24BF' BE3' 'F2' B ' @2' F23 BF' BE' KEA2F' 2B' ! ' E' @2' 2 1@ @' 42E KFG!' ' @2' 3 ' C2' N2F BA' 'F2' @2' CB3 ' 43' BE' @2' 'F4@' B ' @2' F LKE2' N 'F G' N ' E 2A' BH2F' E' ' 2F' C23 ' F2NF232E E1 ' E' @2' 42E F2 ' @2' F 'E3 1KF' BE' @2' 2 'F 23 ' E3 'E42' B ' @2' 3KL 24 ' L2 E1' F2 ' A' E' 'F ' I @' @2' EEKE4 ' BE' BE' BE2' 3 A2 ' 'EA' @2' 'ABEE'' 'EA' @ A' ' 2EA2A' LG' 'E12 3 ' BE' @2' B @2F!

' 3' I BF @' I @ 2' F2C 'FO E1' @' ' I @2E' @2' F2 43' B ' 'H '') BC '' I @B' I '3' E 242' B ' 23N '3 'E ' 'EA' B ' 2F2K3' 'EA' 4@ 23' I2F2' LFBK1@ ' @ @2F' FBC' @2' 4 ' '4BCL' BE' @2' '' FA2 ' E' ' I @ 4@' L2 ' [3' @2' E ' C2' B ' @2' ' 2F' @2G' I2F2' F3 ' 234BF 2A' E' F KCN@' B' @2' 'N B ' 'EA' C 'A2' B' N '33' KEA2F' @2' CN2F ' ' 'F4@23' I @ 4@' LBF2' '3' E34F N BE3' 0 ?' @2' 32E ' 2' EA' @2' BC 'E' N2BN 2' B' '!' 'H '') BC T ' ' BF' @ 'H E1' LFBK1@ ' CBF2' @BEBKF' B' BC2' LG' @2F' A2 ' @' @ 'E' @2F' K3 F BK3' F2 ' BE3' LG' @2 F' I BFO3!J' ! ! ? B

'! '"H '$)BC ' $ 'EA$ B% @2% ' E 3% 2F2K3% 'EA$ 4@ 23 $ @2% 2M42 2E $ 4 P2E3% I@B% 1' E2A$ N2'42% BF% @2% @F 3 'E% F2NKL 4% ' $ @2% NF 42% B $ @2 F% L BBA!J

NNB3 2 $BE% @2% 2 $ 3% '$ 4BKF G'FA$ 2'A E1$ B% @2% @8 @% 9 $ ' 60 $ H @ 3% 42 2LF' 2A$ 4BEH2E $ BE1$ A232F 2A$ BE% '44BKE $ B $C' 'F '!

$ I '3% @2F2% @' $ ' !')BC E 4% F3 $ F23 A2A$ E% BC2 $ 'EA$ 4B 24 2A$ BE2% @KEAF2A$ CBEO3% KEA2F% @ 3% FK 2 $ L2 BF2% @2% I '3% F2CBH2A$ B% '! 'L E'$ LG$ BEBF K3% !' 2F% @2% I2E $ B% @2% H2E E2 $ ' $ I '3% A24 A2A$ B% K P2% @ 3% 4BEH2E $ LG$ 4B 24 E1$ @2F2% @2% H'F BK3%)BC E 4'E% EKE3 $ I @B% @'A$ L22E% H E1$ @ @2F B% KEA2F% H2FG $ ''M% A 34 N E2 $ 'EA$ ' BI2A$ B% 2'H2% @2 F% 4BEH2E 3 $ 'EA$ F23 A2% E% @2 F% BIE% 'C 23!% @2% EKE3% B $ '! 'F '$ E% F'3 2H2F2% F23 3 2A$ @2% BFA2F $ 'EA$ BE G% =4BE32E 2A$ B% F2CBH2% BE% 4BEA BE% B $ LF E1 E1$ I #% @2C% '$ 'ABEE'$ N 4 KF2% ' F LK 2A$ B% ! KO2 $ @BN E1$ @' $ @2% F'3 2H2F E% IBK A$ F2 K32% B% N'F $ I @% @2 F% CB3 $ 4@2T F3@2A% F2'3KF2!% !')BC E 4% BLH ' 2A$ @2% A 4K G% LG% 1B E1$ B% 2 4@% @2% N 4 KF2% @ C32 $ ' $ E 1@ $ ' 2EA2A$ LG% IB% 4'FA E' 3 $ 'EA$ '$ L'F2" BB 2A $ BF4@"L2'F E1$ CK KA2!

? E% 3@" 2AE23A'G ' 9 , ' @2% 'LL233% 'EA% 3BC2% B ' @2F% EKE3% I2E ' B% 'O2% NB33233 BE% B ' @2 F% E2 I 'C BE'3 2FG ' 'EA% L2 E1% E% @2% 4@'N 2F"' @BK32% I @% !')BC E 4% 'E ' 'FA E' ' 2 'EB% A ' B33'' KBH' ' 3KAT A2E G% @2F2% 4'C 2% E% BE2% 2'F E1'@ 3% @' F' 'EA% C 'OC 1'1F2' 'BK 4F 23 ' BF% @2% GBKE1% BFA' 'NB 2BE% F3 E ' E2N@2 I ' B ' @2% 4'FA E' ' @'A% L22E% @FB IE% FBC' @ 3% @BF32 ' 'EA% O 2A% BE'= @2% 3NB !' @2% 4'FA E' ' 2 ' 3N224@ 233% E B% @2% 'FC 3% B ')BC E 4 ' 'EA% @2% I BC 2E' 'EA% B @2F3% I@B% I 2F2% NF232E ' I 2F2% 2A% I @% 1F 2 ''EA% @BFFBF!' @2G'LFBK1@ ' @2% LBAG% B ' @2% GBK @% E B% @2% 4@'N 2F"@BK32 ' 'EA% ' A% 'L2 BF2% @2% ' 'F0% 'EA%)BC E 4% @'H E1% NF% G2A ' KFE2A% B% ' 3 'G E1 ' /% ' 'AB 2[42E3% 'NB 2B ' E% EBC E2%)BC E ' EB3 F'U23K% @F 3 X% L ' A 4B% 3KF12 (% 'EA% @2F2KNBE% 2% 'FB32% 3BKEA% 'EA% I @B 2 ' B% @2% KE3N2 'O 'L 2% I BEA2F% B '' 'NF232E !J%' 4 3! $3% $ # -% 5!

!% F%

2F' L2 E1' 4BEH E42A' LG' @ 3' C F'4 2' B ' @2' A H E2' C 33 BE' B ' !') BC E 4 ' BF G' EKE3' 32 2A' ' ' !' 3 B ' NFBC 3 E1' E2H2F' CBF2' B' 4FB33' 3' @F23@B A!

@2F2' 3' H2FG' 2' F2C ' E E1' B ' @2' 'E4 2E ' !' 3 B ' 2M42N ' @2' 4 ' CN 'E 2 ' I @ 4@' 3' B ' \<<!' K ' @2' H 'K 2A' @790 (> 86 ' EB I ' A2A 4 ' 2A' B' !') BC E 4 ' 3' I 2 ' I BF @' H 3 E1!' ' @ '3' F242E G' L22E' 4BH2F2A' I @' F234B23' LG' @2' ('AF2' 233BE % @ C32 ' '') BC E 4 'E' CBE0 % H@B F242 H2A' @ 3' 4BC C 33 BE' FBC' ' @2F' K BB G ' (F BF' B ' !' 2C2E 2 ' @2' F 3@') BC E 4 'E' 4BEH2E ' B' I @ 4@' !' 3 B' 3' EB I ' 'EE2M2A!' @2' @F22' NF E4 N ' ' F234B23' F2NF232E ' @F22' C F'4 23' B ' !') BC E 4% E' 2 '4@' 4 '32' B ' F ' 3 E1' FBC' @2' A2 'A!' E2' F2NF232E 3' @2' F23K34 ' BE' B ' '' C '3BE' B ' @2' E2 I ' CBE '3 2FG ' I @B' @ 'A' ' 2E' FBC' '' 34 ' B AD' 'EB @2F ' @ ' ' B ' '' 4@ A' E' '' I A' 'EA' L2 'K K ' ' 'E' 'EA34 'N2D' @2' @ FA ' @2' F23 BF ' BE' B ' 'NB 2BE2' F3 E ' BE' @ 3' 3NB ' % @2' C23C 2F 4' KN3NF E1 E1' B ' @2' 2 233' GBK @' L2 E1' CB3 ' NB I 2F K G' F2NF232E 2A!' @2' I @B 2' 4@ 'N2 ' 3' @ 1@ G' N 4T KF23SK2 ' 'EA' 2 24 H2' E' 4B BKF!' ' I B' E34F N BE3 ' BE2' 4BC C & BF ' 23' R2' F ' 3 E1' B ' F3 E D' @2' B @2F ' '' NFBN@24G' B ' !') BC E 4 ' '3' B' @2' 2H ' 2EA' B ' I @B' CBEO3' I @B' A2T 32F 2A' @2 F' 4BEH2E !

UK3 ' L2GBEA' !' 3 B ' I @2F2' 2' '' A2 '' 2FF ' 2 '' LF 'E4@23' B ' BE' @2' 2 ' B' @2' ' 2F 'E ' 3 'EA3' '' 3C ' ' 32A 4K KC ' BF' @ ' ' ' 7 6 ' I @' LF 4O' E 4@23' BF' 3 ' K23!' =

KF @2F ' BE' @2' F 1@ ' 3 'EA E1' L '4O' FBC' '' 0 EA' B ' N 'PP ' ' 'ABFE2A' I @' 'E' 'E4 2E ' 1F 'E 2' 4B KCE ' 3' @2' @8 @' ' ' 67 ' I @ 4@' ' F2 'AG' 2M 3 2A' E' @2' C2

' / /

B ' !' *F21BFG' @2' *F2' ' LK ' I '3' CBA2FE P2A' KEA2F' 2C2E ' !' \97"7: !' 3' E 2F BF' F2 ' E3' C 'EG' B ' 3' 'E4 2E ' 2' KF23!' @2' NK N ' 3' BE2' B ' @2' CB3 ' 2MSK 3 2' 3N24 C2E3' B ' 4@KF4@' A24BF' BE' E' BC2 ' 'EA' 3' 4BH2F2A' I @' @2' CB3 ' A2 4' 2' 34K N KF2 ' E 2F3N2F32A' I @' CB3' 4' ' @2' 2CL 2C3' B ' @2' H'E12 3 3!' 'F2' E FBAK42A' E' @2' 4'FH E1' B ' @2' N'E2 3!' @2' @ 1@"' 'F' 3' F 4@ G' 2ET 4FK3 2A' I @' CB3' 43 ' NFBL'L G' LG' @2' B3C ' ' 'C G!' EG' B I 3' BFC' N'F ' B ' @2' A24BF' BE3' B ' @2' 4'N ' 3' B ' 3' N 'F3!' ! 2E2' @ ' 3' '' ?' 4BE 233 BE J' I @2F2' IB"' 'E12 3' 'F2' AF' I E1' 4KF ' E3' BH2F' @2' BCL' B ' @2' 3' E !!' @2' 4@'E42 ' @'3' 'E' E ' A' C 'FL 2' 34F22E!' E' @2' F T LKE2' 3' 'E' 'E4 2E ' 2N 34BN' ' @FBE2 ' BE42' F 4@ G' BC ' C2E 2A' I @' CA 2' 43!

E' @ 3' 4@KF4 ' ! 2F1 K3' I '3' 2 24 2A' B' @2' N 'N' ' @FBE2 ' E' ; , -!' 'EA' @2F2 ' ' 3B' 'E' LLB ' B ' !' E42EPB' 2A' E'3 '3 B' I '3' 2 24 2A' E' : \ ' '3' K12E K3' ! ' 'EA' I '3' !' CC2A ' 2 G' ' 2F I 'FA3' BF42A' LG' @2' BNNB3 E1' 32E' 2' B' G' B' BE 242 ' 'EA' @2E' B' @2' LL2G' B ' 'F ' ' I @2F2' @ 3' 4BE324F' BE' BBO' N '42!'

('F ' B ' @2' N' '42' B ' @2' K 'F"4'FA E' ' B ' !' 23'F2B' F2C ' E3' E' @2' 'A B E E1' 1'FA2E ' I @' 'E' E 2F23 E1' B11 '' B ' ' 9<<!'

E' @ 3' E2 1@LBKF@BBA' I '3' @2' ! 6 7' ! 8 I # 7 ' I @ 4@' 1'H2' '' E ' C 2' B' @2' I 2 @' 21 BE' B ' @2' 4 G!' ' I '3' K32A ' BF' 2'FE E1' B' 3 I C ' LK ' ' ' F 42' B ' ' @'A' A 3'NN2 'F2A' L2 BF2' @2' C2' B ' 23 K3 ' I @B32' A ' 2' 3' KE42F ' E ' LK ' I @B!' H2A' L2 BF2' @2' 2EA' B ' @2' BKF @' 42E KFG%

?' E' @2FCB3' K1 B' 0 3BE'3' 'A' 'KF2C ' =' (34 E ' C' N2 B' 0 EBE' 42 ' E ' 'F2!J

"' @ ! / ' ' : :!!

2F2 ' ' 'E2 KFE3 BE @2 2 B I 'FA3 @2 'E4 2E ! 07 70 7 @FBK1@ I @ 4@ @2 ' ' E ' 2A B 'NK' EB I' 4 B32A!

E FBE B 2 1' 2 3 ' 2 4@ 'N2 B @2 3 !M 22E @ 42E KFG 4' 2A G 57T # A24BF' 2A I @ EA 2F2E F234B23 BE @2 3NB I @2F2 ! UB@E 3 3' A B @ 'H2 L22E @FB I E E B ' 4 'K AFBE B LB E1 B KEA2F)BC 'E FBC I @ 4@ ?'@2 4 'C2 BF @ '3 FBC ' F2 F23@ E1 L' @!J 3 @2 3K 2F E1 E @2 LKFE E1 B I @ 4@ 1 'H2 ! UB@E @2 N' C B ' C 'F GF I @ I @ 4@ @2 3 B 2E F2NF232E 2A E 'F ! @2 23 H' B ? ! UB@E 'E 2 (BF ! ' !J 'G ; 3 NF232FH2A E @2 E1 3@ @KF @ ' 2EA 'F!

E @2 2 3 @2 @8 @ G 57 T 7 ! 07 70 7 LK E 8< LG 2 23 E2 ! =

E 3N 2 B C 'EG CBA2FE P' BE3 @ '3 LG 'FA E' '3NBE E ; , ; @ 3 LK A E1 F2 ' E3 2M 2FE' G CBF2 B 3 'E4 2E 4@ 'F'4 2F @ 'E CB3 BC 'E 4@KF4@23 E 3 E2 4' CN 'E 2 'EA @2 B A LF 40 I ' 3 B @2 E 'H2 'EA 'N32 A24BF' 2A I @ 2FF' "4B ' F 2P23! @2 NBF 4B 3 2E 2F2A LG ' E 'FFB I 'F4 F23 E1 BE I B 1F'E 2 4B KCE3! @2 2E F 'E42"ABBF 'EA @2 ' 'F @ 'H2 @2 N24K 'F CB3' 4 F LLBE A24BF' BE B @2 B3C ' B 8<! @2 F234B23 'F2 ' CBA2FE E @2 F LKE2 F2 @2 A2 K12 'EA @2 L'N 3C B @F 3 % @2 GN2 'EA 'E GN2! @2 2E 4B KCE3 2 1@ 'F2 3 CN 2 'EA B 1F'E 2 IB 'F2 K 2A 'EA B NBF '"3'E ' 3@B I O 1 @ ' @2G I 2F2 EB C 'A2 BF @2 4@KF4@ LK F2CBH2A FBC 3BC2 N '1 'E LK A E1% NFBT L'L G FBC @2 2CN 2 B 2F23 'EA (FB32FN E2! 2 'F @2 2E F 'E42V 3 ' H2FG N 4 KF23SK2 C 'FL 2 ## 02 @B32 3B 4BCCBE ' 2E 42 'E ('AK' A24BF' 2A I @ 'E ET F 4' 2 N' 2FE B F 4@ 4 'FH E1!

(')' /'

E' @2' BNNB3 2' H E2G'FA' L2@ EA' @2' 4@'N2'B' @2' 2B' H2FG' N 4 KF23SK2 G' 3 K' 2A' KEA2F' @2' KF2 'E' ' ' 3' @2' @0 I7 8 ' '0@'E $ ' ' 075 7' ' 4B KCL'F KC' I'3' '' BCL' 4BE ' E E1' '' EKCL2F' B ' 4 E2F'FG' KFE3' E' E 4@23' O2' N 12BE"@B 23' I@2E42' @2' E'C2!' 'EG' 4B KCL'F '' I2F2' @2 A' E' 4BCCBE' LG' '' 1F2' 'EKCL2F' B 'N2F3BE3' 'EA' @2' E 4@23' 4BK A' L2' BL ' E2A' LG' NKF4@'32' BF' E@2F 'E42! E' B @2F' 4'323' @2' @2'A3' B ' @2' 1F2' ' @BK323' NB332332A' I@B 2' 4B KCL'F '' BF' @2 F' 'C 23' 'EA' @2 F' 3 'H23!' E' @2' NF232E' E3 'E42' @2'4B KCL'F KC' 3' CBF2' @'E' K3K' G' A24BF' 2A' 'EA' @BK1@' CK4@' 3C' 2F' ' 3' 'F' CBF2' IBF @' 322 E1' @'E' @2' 4B KCL'F '' I@ 4@' ' 3' @2' 4K3 BC' B' H 3 ' CC2A ' 2 G' KNBE' @2' NN 'E' 'G!' E2' B ' @2' 4 NN ' 'LBH2' @2' 3 ' F4'32' 3' L2'K K G' A24BF' 2A' I @' 3@2 3' 'EA' CB3' 4!' 2 B I ' 3' '' 4@'CL2F' I@B32' H'K ' 3' A2 4' 2 G' N' E 2A' I @' H E23' 'EA' 2' '44@' 1' @2F E1' E' @2' H E '12!' BKEA' @2' I ' 3' 'F2' 'FF'E12A' @2' KFE3' 3BC2' B ' @2C' E' @2' BFC' B ' 2CN 23' 'EA' H2FG' L2'K K G' A23 1E2A' B @2F3' C2F2 G' NB 3' 3KEO' E B' @2' I ' ' I @' 4BE 4' ' A3' O2' N NO E3' 2' E B' '' O 4@2E"F'E12!' ' ' L2'K K' H'32' B' 'N 3" 'PK' BKEA' @2F2' @'3' L22E' F'E3 2FF2A' B' @2' ' 4'E!

(FB422A E1' ' BE1' @2' '' NN ' ' BE' @2' 2 ' LG' '' ' ' 4GN 233' B!' K' 3' @2' 2E F'E42' B' 0@' I' '0@' 6' '' 3C' ' 4' '4BCL' E' @2' K '' FB4O' A 34BH2F2A' E' -,<' FBC' I@ 4@' @2' 'CBK3' 3'F4BN@'1K3' B ' !' 4 N B' 'FL' K3' 'EA' '' LK3' B ' @2' NB2' EE K3 ' I2F2' F2CBH2A' B' @2k' ' 4'E' LG' (K3' !' !

=' @ 3' LK3 ' @ ' 3' L22E' 3KNNB32A' B' F2NF232E ' @2' NB2 ' EE K3 ' @2' F 2EA' B ' 4 N B

@2' 4 N B 3 BCL' 4BE ' E3 EB '3@23 EB I D
@2' H2FG 32NK 4@F23 2' 2E'E 233
' @2 F @2FB 4 A I 2 2F3!J

%"5! "5.

@2' 4BE 'A EB ' ' @2' E2 1@LBKF E1' 'FC@BK32' NFBH A23' 1@ 3 ' Y I @ "I@ 4@ BE2' 4 'E' H 3 ' '' 'LGF E @' B ' 3 22N E'FFB I ' N'33'123 ' 3BC2' B ' I @ 4@' 3 ' F2 ' E' E34F L2A' 32NK 4@F' ' 3 'L3! CBE1' @2' 4 N B3' I @B32' BCL3 @'H2' L22E' A 3T 4BH2F2A' @2F2' I 2F2' K4 K3' 4 N B' 'FL' K3' 'EA' @ 3' 3BE ' @2' 4BESK2FBF B ' BF3 4 'I K '' BFE2 ' ' I 2' B ' E2 K3' 4 N B' 3N'E 3I '' 3BE' B ' 4 N B' F 4 'EK3' * K4 K3' BFE2 K3 ' 3BE' B ' 4 N B' 3 ' 4K3' ' BFEA K3' 4 N B' 3N'E 3' 'EA' @ 3' 3BE' K4 K3' BFE2 K3!' ' @2' KF @2F 2EA' B ' @232' N'33'123 ' 'EA' EB I ' O2' @2C ' 3KL 2FF'E2'E ' C'G' L2' 322E' @2' N2A C2E ' 'EA' 'F4@2A' 2E F'E42' B ' V ' BCL' B I 'FA3' @2' '' ' E'!' ? ' 3' KE42F ' E' I @2 @2F 4 N B' F T 4 'EK3' I '3' LKF 2A' ' ' 2FEKC' BF' E' @2' 'C G' BCL!' E' @2' C2' B ' HG' CBEKC2E 3' B' @ C' I 2F2' 2M 'E ' E' LB @' N '423!J66

@2F2V 3' '' L2 'K K ' H 2 I ' B I 'FA3' BC2' FBC' @2' H E2T G'FA' 'LBH2' @2' BCL!

' 2' KF @2F BE ' 2 ' B!' : ' 3' @2' 2E F'E42' B ' @2') % 7' $ ' '' NF H' 2' 1'FA2E' I @' 'E' 2M BF BE' 2' 4K3'" BA2 ' 4BE ' E E1' @F22' E 2F23 E1' #8 I7 7' I B' B ' @232' 'F2' 'F12' 3SK'F2' H'K 3 ' 3KNNBF 2A' LG' '' 42E F' ' N 'F' I @ 4@ ' '3' I 2 ' '3' @2' I ' 3 ! 3' N2F BF ' 2A' LG' E 4@23' BF' KFE3!' @2' @ FA' @'3' @F22' H'K 2A' N'33'123!

F 4 'EK3 ' L24 'K32' @ 3' '3 ' F2SK23 ' I '3' @' '@2' C 1@ ' L2' LKF 2A' LG' @ 3' 3 A2f H2E' E @2' C2' B ' 42FB ' @E K3' I '3' L2 2H2A' B' L2' LKF 2A' E' @2' BCL' B ' @2' 4 N B3f ' 'FK3' K ' F 4 'EB' 3KN2F BF 'EB3 2F EE K3' 'SK2' 2 'C' E' 32NK 4@FB' 4 N BEKC' NK ' KF' 3' 2332' 4BE3 K K3' 2' C 'FCBF2!J % - ' 70 '9 ' @ '! 07
') G2F3' 3 ' B ' @2' G' B ' BC2!

2' EB I ' F2 ' 4@' @2' @' '& 8686 ' E' 3' 3KC C ' 'F2' @2' F2C ' E3' B ' @2' 'SK2AK4 ' LG' I @ 4@' 'F ' 4 ' '' 4 ' FF 2A' I ' 2F' B' @ 3' L ' @3!' @2' 'F4@' BE42' 3KNNBF 2A' 'E' 2SK23T F 'E' 3 ' K2' B ') FK3K3 ' IB' FBN@ 23 ' 'EA' '' 32 ' 2A' 2C ' 2' 1KF2' F2NF232E E1' * 2FC 'EG!

@2' F4@' B ') FK3K3' I '3' A24F22A' LG' @2' 32E ' 2' E' @BEBKF' B ' @2' 324BEA' 3BE' B ' @2' 2CNF233' H ' ' LG' @2F' F3 ' @K3L 'EA ' L2F K3' 2FB!' 2' I '3' ' @2F' B ' * 2FC 'E 4K3' 'EA' @2' CN2FBF' 'KA K3 ' 'EA' LFB @2F' B ' L2F K3!' 2' A 2A' AKF E1' '' 4 ' C N ' ' BE' @2' @ E2 ' ' 8 ' 'EA' I '3' LFBK1@ ' L ' 40' B' L2' LKF 2A' LG' @ 3' 3 2N" ' @2F' K1K3 K3' E' @ 3' B I E' C 'K3B 2KC!' 3' H F K23' 'F2' ' 23 2A' E' '' NB2C' '34F L2A' B' (2AB' L EBH 'EK3!

? @ 3 'F4@' / 'F BF2KC' 'F4KC4KC' FBN# ' NN '' '(' K2 !' ' 3' I @' @2' 2M42N BE' B ' @2' ('E @2BE' @2' CB3 ' N2F 24 ' 2M 3 E1' CBEKC2E ' B ' K1K3 'E' 'F4@ 24 KF2!' ' 3' @2 'HG' N ' E ' 'EA' E 'FFB I ' I @' ' ' @2' ' A 1E 2A' LK ' 3 2C' 3 CN 4 G' I @ 4@' L2 BE13' B' @2' 4@ 'F ' 4 2F' B ' 3' '12!"J' % ! * "!

?' ' 3' @ 'FA' BF' BE2' I @B' BH23' @2' H2FG' 3 BE23' B ' BC 2 ' B' N ' 33' BH2F' ' ' @2' @BK1@ 3' I @ 4@' 'F 32' E' @ 3' C EA ' '3' N' @ EO3' B ! @2' 1F2 ' ' NB3 2' F2 ' A E1' @2' FKA2' 'EA' C ' 33 H2' N ' H2C 2E ' B ' @2' NN ' E 'G ' 'EA' N ' 33 E1' KEA2F' @ ' ' F4@' B ') FK3K3' ' ' @2' (BF '' !' 2L ' 3 'EB ' B E1' KN' @2' 'N B E2' ' N ' 3 ' @2' 'LK 'F KC ' B ' @2' 'N B ' A I 2 E1' E' @ 3' @ F2A' @BK32' E' @2' '' ' '' BF ' 2 32 I @2F2 ' CNF 3BE2A' E' @B32' N ' E 2A' 4 ' H23' E' @2' U B2 BF 'E' 'CN ' 'EA' ' ' '3 ' NBKF E1' BK ' @ 3' L BBA' BF' @F 3 ' ' ' @2' F2' BE 'E2 ' BE' @2' FB 'A' B' 3 ' >(! $ ", 5/ ' #15 ' ,'#%!' !Z ' ! # 3!$#: N!' 77\!

□

@ ' ! 07' 7 ' I760 7 ' @ '3' IB' E2' 32C 4 F4K 'F' BI2F3' B ' @2' KF2 'E' I ' F23 E1' BE' '' L'32C2E ' B ' C 'FL 2' L B403 ' NFBL 'L G' N KEA2F2A' FBC' @2' BCL3' BE' @2' '' NN '!' $EA2F' @2' 'F4@' 3' '' 1B @ 4' E34F N BE' F2 ' E1' B' @2' F2NK 32' B ' 3BC2' KE0EB I E' EH 'A2F3!

- ' ' ' /

' I '3' @2F2' @' ' @2' 32E' 2' 'EA' N2BN 2' B ' BC2' F2T 42 H2A' E' 3 ' 2' @2' '3 ' F KCN@'E ' NFB4233 BE' I @ 4@' @'3' 2E 2F2A' @2' 4 G' LG' @2' '' NN ' ' @' ' B ' 'F4" E BE B' B BEE' ' ' 2F' @2' H 4 BFG' B ' 2N'E B' E' \- !' 3' E' @2' NFB4233 BE3' B ' @2' B A' BC 'E' 12E2F' 3 ' @2' 4@ AF2E' B ' @2' 4BESK2F2A' NF E42 ' I 2F2' BF42A' B' 'ABFE' @2' F KCN@' B ' @2' H 4 BF ' I @B' FBA2' E B' BC2' ' 2EA2A' LG' ' ' @2' BC 'E' EBL 23 ' ?' E' 'L B' A ' 1F'EA2' BFC ' G J ' NF242A2A' LG' @2' 3 'EA'FA' B ' @2' 22 !

FBC' @2' 1' 2 ' @2' # 586' 7 6' 4FB332A' LG' @2' F' I 'G' B' H '' 244@ ' ' A2342EA3' E B' @2' H' 2G' B ' @2' CB ' I @2F2' 'E SK'F 23' BFC2F G' N '42A' @2' (BF '' 'N2E'!' E' @2' @ 3 A2' 3 BBA' '' 2CN 2' B ' 'F3 ' HB I 2A' E' @2' * ' 4' I 'F ' 'EA' A2A 4' 2A' LG' !' >K E4 K3' @2' ? AKKCH F' 3'4F 3' '4 KEA 3 J' E' ' 7, -!' B' F2C ' E3' 2M 3 ' B ' @ 3' 2CN 2!' ' I '3' ? 'NNFB'4@2A' FBC' @2' '' 'N2E'' LG' '' NBF 4B ' I @ 4@' CK3 ' @'H2' F H' 2A' E' 2E1 @' @2' 42 2LF' 2A' NBF 4B' ' ' B B1E'' 2M 2EA E1' B' @2' 4@KF4@' B ' @2' 'ABEE'' A ' ! (' K4 '!J ' 2 'F' @ 3 ' '' 2CN 2' I '3' 2F24 2A' B' 2CN23 '3' E' !4!' 9; ; ' LG' !' = BFE2 K3' 4 N B ' B' 4BCC2CBF' 2' @2' E'FFB I ' 234 'N2' B ' @ 3' 22 ' FBC' 3@ N I F240' B ' @2' 4B '3 ' B ' 'FA E '!'0' 2 'F' @ 3' ' 3B ' @2' NB2 ' 2F2E42' B I E2A' '' 3C' ' 23 ' 2' B ' I 2E G' '4F23 ' NF232E 2A' B' @ C' LG' @ 3' F 2EA' 4 N B' C 'EK3!' H' 2F' 4FB33 E1' @2' LFBBO ' HBC N'33' L2 I 22E' I B' 4BE3N 4KBK3' BCL3!' @' ' BE' @2' 2 ' 3' @2' I' ' G 07 ' 3BE' B ' 'N C K3' 2H2FK3 ' @2' CKFA2F2A' LFB @2F' B ' 'F'4' 'D' @' ' BE' @2' F 1@ ' 3' @2' I' ' 6 ##7 ' I 2' B ' L'34'E K3 ' '' 'HBKF 2' F22AC 'E' B ') BC 'E!' !

' BNN ' 2C BF 2' B BEE23 ' N!' 7:9!'
g' 22') G2F!3' 3 ' B ' @2' G' B ' BC2 ' N!' , \!' U' I $ ' N!' 8-!
' I $ ' N!' 99!

?' 3 ' B4K3 ' 'E 2' KFL2C ' SK ' ' NF CKC ' E ' 34 KF' E12E3'
NN ' ' SK ' SK2' ' B' 12C K3' CBE2' GL2 2'
(BE ' 2 ' A42B3' ' C ' EBE' F2C E 34 KF' ' E E23!
2' 2' ABE B' H2 ' ' C ' C B 2F' B3 FB'
M C K3' 4BE KM' E24' 2E C ' KC ' E ' ' LK3 ' '
' C BF2C SK2' FB1 ' NB K ' N2F 2FF2 ' L2 ' B'
BC NB3K ' (F 34 ' ' BFB!J
1 : L!' ! "*' ! 999!

UK3 ' L2GBEA' @ 3 ' @2') 7' $ 70 7' LF ' E4@23' B ' BE' @2'
F 1@ ' N ' 33 E1 ' ' 2F' ' LBK ' I B' C 23 ' @2' N 4 KF23SK2') % 7'
7 7 7 ' '' N 2 ' 3 ' E ' 3NB ' I @' E2' B A' N E23' ' EA'
4GNF23323!

@2F2' @2' FB ' A3' A H A2 ' 3' @2' @0 @ ?7 ' & ' Q8 '
) 7$ 6 ' 4BE ' E E1' '' 4BNG' B ' @2' 42 2LF ' 2A' BB NF E ' 3 ' A'
B' @ ' H2' L22E' 2 ' @2F2' LG' KF' ' H BKF' 0 @2' BF 1 E ' ' L2 E1'
F2C BH2A' B' ! 2 V ' 3 ' EB!

? 2F' @2' LKFE E1' B ' BC2 ' 2FB' @F2 I ' KNBE' @2' @F 3 ' E3' @2'
' 44K3 ' BE' B ' @ ' H E1' F2A' @2' 4 G!' @ 3' I ' 3' @2' BF 1 E' B ' @2' F3 '
= N2F324K BE ' E' I @ 4@' C ' EG' N2F 3@2A' LG' 2FF L 2' ' EA' @ @2F B' KE@2 ' FA"B '
A2 ' @3!' @2' @F 3 ' E' 4BEH2F 3' L23BK1@ ' (2 2F' EB ' B' 2MNB32' @ 3' 2!'
3' @2' 2A' ' BE1' @2' NN ' E' ' G ' ' LBK ' I B' C 23' FBC ' @2' 1 ' 23 ' @2'
I ' 3' C 2 ' LG' ' ' H 3 BE' B ' BKF' ' H BKF' F ' H2 E1' B I ' FA3' @2' 4 G!' FK4O'
I @' ' C ' P2C2E ' @2' 2M4 ' C 2A ' / ' BFA ' I @ @2F' 1B23 ' @BK' R (B' I @ 4@'
@2' ' H BKF ' BBO E1' KNBE' @ C ' I @' ' ' C A' 3 ' AE233 ' F2N 2A ' / ' ' 1B' B'
BC 2' B' L2' 4FK4 2A' ' ' 324BEA' C 2 (' EA' H ' E 3@2A!' (2 2F ' ' O E1' @ 3'
' 3' ' ' 3 1E' @ ' ' @2' I ' 3' B' 3S C ' @ C 32 ' B' @2' 3K 2F E13' NF2N ' F2A' BF'
@ C ' C C 2A ' 2 G' KFE2A' L ' 4O' B' @2' 4 G! ' 4@ ' 2 ' E12 B (3' ' C BK3'
3 ' K2 ' EB I ' E' @2' 4@KF4@ ' B ' ' ! ' F ' ' 3BNF' ' E2FH ' ' 3' 3KNNB32A' B'
F2NF232E ' @F 3 ' ' 3' @2' ' NN2 ' F2A' B' ! ' (2 2F' BE' @ 3' B44 ' 3 BE!' ' 4 ' 3 '
BF' 4BNG' B ' ' 3' E' @2' 2' 4@KF4@ ' B ' / BC E2 ' SKB' H ' A 3' R (
? ' 3' 3KFNF 3 E1' @ ' ' @ 3' C B3 ' L2 ' K K ' N 4 KF23SK2 ' ' EA ' B' C G'
! ' E4G ' 3KL C2' 212EA ' @ ' 3' L22E' 3B' 32 ABC ' F2 ' 2A (' EA' E2H2F ' ' 3' '
322C3' B' C 2 ' E' ' ' C ' EE2F' I BF @G' B ' 3' 4 ' N ' L 23' ' EA' @ 1@' 3 1E T
4 ' E42!' ' 3' 32 ABC ' @ ' ' ' 3 BFG' 4 ' E' L2' B A' LG' I B' 1KF23 ' ' EA' @232'
I B' 1KF23' N ' 42A' E' 3K4@' 1F ' EA' ' EA1 F ' C ' 4' 4 B E F ' 3 @F 3 ' E' 3

f' @ 3' 3 BFG' 3' B A' LG' ! CLFB32!

7;9 ? = /

32F2E2 C 23 G 'EA F'A 'E I @2 BG'B 'L2 KA2 'G2 'I @ 'E 2MNF233 BE' B '12E 2 F2NFB'4@' @2 NB3 2 @ 3 22 'FF23 2A E @ 3 1@ 'C 'P2A 'EA G2 2A I @ F2CL E1 BG 'EA BF @2 L'4OT 1FBKEA @2 I A2 'CN'1E BF B I2F E1 I 3 B CN2F BC2 J% 4 3! $J

2GBEA @2 4@KF4@ 3 324BEA ? H KC BF 4FB33"I 'G3 "I@2F2 E2 BE @2 2 2'A3 KN @2 2 'F2 2! 2F2 22 E1 'E KE42F E G Y@ @ I"'3 @2 4FB33 E1 I@2F2 KF 'H BKF 'NN2'F2A B ! (2 2F @2 E1 3@ 'FA E' (B 2 2F24 2A 324BEA EG 4@'N2 B ?)BE' E2 >KB 'A 3 J I@ 4@F2C' E3 B @ 3 A'G! !

E @2 2 3 @2 # I7 0 0@ E $ 0 %86@ 6 7 $ 5 7 A H A2A E B @F22 4@'CL2F3 LK A23NB 2A B 3 'ABFEC2E 3! @2F B KCL'F E2'F @ 3 'F2 '33 1E2A B @2 B K3 'EA @2 C4 !

H2F @2 I' BE @2 2 B @2 NN EB I'@'E13 E NFB K3 BE @2 F'F2 G2 B I"L2FF 2A HG! EG 4KF BK3 N 'E 3 'F2 B L2 BKEA BE @232 B A BC 'E I' 3! @2 F 4BC CBE23 N'F'3 2 @2 (2 BFG% ?'@ I7 7 7 S 4' 3 B C EA @2 E 40E'C2 1 H2E B @2 CN2FBF F' 'E E A2F 3 BE B @ 3 N'33 BE BF E34F L E1 @ 3 E'C2 KNBE @2 I' 3 B BC 'E LK A E13 I@ 4@ @2 @'A C2F2 G F23 BF2A '3 !@2 I2F2 @2 F BKEA2F .' N'33 BE E I@ 4@ @2 NBN23 @'H2 3 E42 'F12 G N'F 4 N' 2A! +

2 EB I F2'4@ BE @2 F1@ @2 2E F'E42 B @2 707P I6 0 7# F086

@2' ''4BC L3' 2M42 ' @B32'' ! 2L'3 'EB '4'E' BE G L2'H 3 2A' E' 4BC N'EG' B '' 1K A2! BF' C B3 ' B ' @2' ''4BC L3' ' 3' E24233 'FG' Bn' BL ' E' '' '! 3! ' ' @2' B 42' B ' @2' 'FA E' " 4'F' -<' '' A2 '! 4FB ' 'L2 BF2' 9B 'KNBE' I@ 4@' 'A'G' 12E2F' G' KEA'G ' 3' M2A

' @ 3'3 BFG' 3'F2NF232E 2A' E' BE2' B ' @2' 'E4 2E ' 'N23 F 23 E' @2' 4' @2AF' 'B ' E'1E ! g CC! 'F42 ! L! MMH ! 4!

')' ' = @ $ $

I @ 4@' CK3 ' L2' 'A@2F2A' B!' @2' ' '4BC L3' B ' !' ' M K3' 'F2' 3 ' C 2"' C23' 3KN2F 4 ' G' 3@B I E' I @BK ' ''3N24 ' ' '! $! ' ' C 'G' L2' I 2 ' BF' @2' H 3 BF' B' NFBH A2' @ C 32 ' I @' 'N2F3% -! $ T

' A234F N BE3' B ' A' E12F3' ' 2EA E1' '' H 3 ' B' @2' ' 'T 4BCL3 ' ' '44BCN'E 2A' LG' '' 1K A2 ' 'EA' NFBH A2A' I @' ? 42F E J 'F2' SK 2' C '1 E' FG!' 2 @2F' AB23' @2' H 3 BF' 2H2F' 3K 2F' FBC' 4B A0 @2' 2CN2F' KF2' B ' @2' ' '4BCL3' 3' C A' 'EA' I 'FC0 @2' H'K 3' 'F2' ' CB3 ' ' I 'G3' AFG ' 'EA' @2' ' F' NKF2!

?' @2' BC 'E' ' '4BFF L3% '' E' C 2' 4BE324F' 2A' LG' BE1' K3' 12 ' LK ' @' H E1' EB' 2 GCB B1 4' ' C2' E E1 ' 'EA' EB ' '' H2FG' A2 2FC E ' 2' 12BT 1F' N@ 4' ' BE2% 'F2' ''H' 3 ' 'LGF E @' B '1 ' 2F 23' 2M4 'H' 2A' E' @2' LB I 2 3' B ' @2' 2 'F @' E' @2' @ 3' 'FBKEA' @2' 2FE' ' G0 EB ' E' @2' @ 3' BE' I @ 4@' @2' 4 G' 32 ' I '3' LK ' LK ' E' @B32' L2GBEA' @2' I ' 3!' @2 F' 2M 2E ' 3' 2EBFCBK3' ' C ' '3' B' @2' ' CBKE ' B ' 3KN2F 4 ' ' 3B ' I @ 4@' @2G' KEA2F 2 ' BF' @2G' F' F2 G ' '2H2F ' N' 33' L2GBEA' @2' @ FA' C 2"3 BE2' FBC' @2' 4 G ' LK ' E' @2' '4 K ' ' 2E1 @' B ' @2 F' 1 ' 2F 23' 0' BF' @232' 'F2' B 2E' 2M4 'H' 2A' BE' H' F BK3' 2H2 3 ' BF' ' $.' @F22 ' BKF ' BF' 2H2E' H2% BE2' !' LBH2' @2' B @2F' 0' 'EA' @2G' 4FB33' 'EA' F24FB33' BE2 ' 'EB @2F ' 3BC 2 C23' ' ' 3@BF ' E 2FH ' 3 ' BE' 2 ' 4@' B ' @232' 2H2 30' 3B' @' ' BE' @2' I @B 2 ' @2F2' 'F2' 42F ' E G' EB ' 233' @' E' 7\<' C 23' B ' @2C 0' @' ' 3' B' 3 ' G ' ' 3 F2 4@2A' BK ' E' BE2' 4BE EKBK3' E2 ' @2G' I BK A' 2M 2EA' @2' [@B 2' 2E1 @VB ' ' G' 32 !' @2' 1 ' 2F 23' 'F2' FBC' I B' B' BKF' 22 ' E' I A @ ' 'EA' H 'FG' E' @2 1@ ' '44BFA E1' B' @2' E ' KF2' B ' @2' FB4O' E' I @ 4@' @2G' 'F2' AK1!' @2' I ' 3' BE' LB @' 3 A23' 'F2' N 2F42A' I @' @BF PBE ' ' E 4@23 ' O2' 3@2 H23' E' '' LBBO4 '32' BF' L2F @3' E' '' 3 2' C2F ' 'EA' 2H2FG' E 4@2' BE42' 4BE ' E2A' BE2' BF' CBF2' A2 ' A' LBA 23!' ' H ' F K3' E 2FH ' 3' @ 3' 3K44233 BE' B ' 3@2 H23' 3' E 2FFKN 2A' BF' '' CBC 2E ' @' ' FBBC' C ' G' L2' C ' A2' BF' '' ABBF I ' G' BN2E E1' E B' '' 3C ' ' 4@' CL2F' 0' 'EA' @2' I ' 3' B ' @232' 4@' EEL2F3' 'F2' 12E2F' G' N 2F42A' I @' 0F' H23' E' @2' 3 ' C ' I ' G' '3' @2' 1 ' 2F 23!

?' @232' H ' 3 ' 2M4 'H' BE3' BE42' BFC 2A' @2' ' E4 2E ' @F 3 ' E' 42C 2 2F 23' B ' BC 2' K @2G' I 2F2' L21KE' E' ' NB3 B 4' C23 ' 'EA' 4BE EK2A' B' L2' K32A' ' 3' LKF ' ' N ' 423' B ' @2' ' @ K ' ' @2' 4 ' N KF2' B ' @2' 4 G' LG' ' F 4' E' @2' G2 ' F' : <!' E' @2' @ FA' 42E KFG ' @2' BC 'E' 2KF4@' EKCL2F2A' I 2E G" H2' BF' I 2E G"3 M' B ' @2C ' 4BFF23NBEA E1' B' @2 EKCL2F' B '@2F' 23 ' BF' N ' F 3@23 ' I @ E' F2' 4 G' 0' 'E ' L23 A23' @232 ' @2F2' 'F2' ' LBK ' I 2E G' B @2F3 ' B ' 3C ' 2F' A C2E3 BE3 ' 3B ' 2A' CBEKC 2E 3' B ' 3N24 '

C 'F GF3 ' BF'L2 BE1 E1' B' @ 3' BF' @' ' NF H' 2' 'C G!' F 1 E' G' @2G' ' ' L2 BE12A' B'NF H' 2' 'C 23' BF' EA H AK' 3 ' @2'H '3' BF'1 'FA2E3' E' I @ 4@' @2G' I 2F2' AK1'L2 E1' @2'NFBN2F G'B I 2' @G'4 P2E3' I @B'@ 'A'2CLF'42A' @2' ' @' B ' @F 3 ' 'EA' A2HB 2A' B ' @2 F' 3KL3 'E42' B' 3' 32FH 42!' 2E42' @2 F' CB3 ' 'E4 2E ' 23' I 2F2' 'O2E' C 2F2 G' FBC ' @2' E ' C 23' B ' @2 F' ' I K ' B I E2F3 ' C 'EG' B ' I @ 4@' 3 ' 3KEAH2!' K4 E ' ' BF' 2M ' C N 2 ' I @B' H2A' E' @2' A ' G3' B ' @2' NB3 23 ' 'EA' B @2F3' B ' @2' 3 ' C2' 'C G ' BF' ' ' 2 ' 3 ' B ' @2' 3 ' C 2 ' E ' C 2 ' I @B' H2A' ' ' H ' F BK3' N2F BA3' E' @2' E2M ' I B' 42E KF 23D' (F 34 ' ' ' 3B' '' 4BE 2C NBF'FG' B ' @2' NB3 23D' 'H '') BC ' ' E 242' B ' 23N ' 3 ' E' D' BC C BA ' ' I @B32' NFBN2F G' 'G' BE' @2' '' 3 2E3 3D' GF '4' ' BE' @2' '' LKF E ''D' (F2 2M ' K3 ' BE' @2' '' NN ''D' (BE 'EB ' BE' @2' '' (BF K2E3 3' D' 'EA' @2' UBFA'EX ' 'M CK3' 'EA' @F ' 3B ' ' ' BE' @2' '' ' 'F '' BH : !' @232' E ' C 23' 'F2' 3 ' ' '4@2A' B' @2' H ' F BK3' 4 ' '4BC L3 ' L24 ' K32' @2G' I 2F2' BF 1 E ' G' L21K F' KNBE' @2' 'EA ' B ' @B32' I @B' LBF2' @2C ! ' @2F' 4 ' '4BC L3' 'F2' OEB I E' LG' @2' E ' C 23' B ' @B32' I @B' NF23 A2A' BH2F' @2 F' BFC ' BE ' '3' @' ' B '! !' ' M K3 ' BE' @2' '' NN 'D' BF' !' 'FO ' BE' @2' '' FA2 ' E ''D' BF' B ' @2' NF E4 N ' ' C 'F GF3' I @B' I 2F2' LKF 2A' E' @2C ' '3' !' 2FC 23 ' '3 ' ' (FB K3 ' 'EA' G ' 4 E @K3 ' BE' @2' '' ' E '' 2 K3' D' BF ' '3 G ' LG' 3BC 2' N24K 'F G' B ' @2 F' NB3 BE ' '3' 7$' 707 8 @76' BE' @2' '' NN ' ' 'EA' 7$$876' 78 76' BE' @2' ' 'L 4 'E ' !

?' '@'3' ' I 'G3' L22E' '1F22A' 'CBE1' C2E' B ' 2 'FE E1' I @B' @ 'H2' @ 'A' 'E' BNNBF KE G' B ' 2M ' C E E1' @232' 2M4 'H' BE3 ' @ ' ' @2G' I 2F2' K32A' 2M4 K" ' 3 H2 G' LG' @2' @F 3 'E3' '3' N '423' B ' LKF ' ' 'EA' B ' @B A E1' F2 1 BK3' '332CL N3!' BA2F 'F232 'F4@' @ '3' EB I ' N '42A' ' L2GBEA' '' ABKL ' @' ' @2G' I 2F2' ' 3B' BF 1 E ' G' A23 1E2A' BF' @ 3' NKFNB32' 'EA' BF' EB' B @2F0 @' ' @2G' I 2F2' EB ' A232F 2A' 3 ' EA" N 3' `7 4K BF' SK 'FF 23 ' 'A ' N 2A' B' @F 3 'E' K323 ' LK ' '' A2H2 BNC2E ' I @' CNBF 'E ' CBA 4 ' BE3 ' B ' '' BFC' B ' 32NK 4@F2' EB ' ' B12 @2F' KE0EB I E' 2H2E' 'CBE1' @2' @2' @2E' 'C 23' B ' BC2 ' 'EA' E' 4BC C BE' K32' ' BE1' @2' U2 I 3' LB @' E' BC2' 'EA' 2 32 I @2F2!

?' ' F3 ' @2' I BFO' B 'C 'O E1' @2' ' '4BC L3' I '3' ABE2' BN2E G ' I @T BK ' 2 ' BF' @ EAF'E42 ' LG' @2' @F 3 'E3' D' @2' 2E F'E423' B' @2C' I 2F2' NKL 4' BE' @2' @ 1@"FB ' A' BF' BE' @2' @ "3 A2 ' ' EA' @2' 1 ' 2F 23' 'EA' 4@ ' C L2F3' I 2F2' F22 G' A24BF' 2A' I @' N ' E E13' B ' '' 3 ' 4F2A' 4@ ' F' 4 2F!' K ' 2 ' F G' E' @2' @ FA' 42E KFG ' 'L24 ' C 2' E24233 'FG' B' I @AF ' I ' @2C ' '3' CK4@' '3' NB33 L 2' FBC ' @2' NKL 4' 2G2' D' E2 I ' 'EA' B 2E' A @4K ' 2E F'E423' I 2F2' EB I ' 2 24 2A' V' @2' F2423323' B 'A232F 2A' 7 67 7' 'EA' 2H2E' @2' L2F G' B ' @F 3 'E' 'F ' 6'3' 4F' CN2A' ' E ' 2 2F2A ' 23 ' I @' ' IC3' @B G' 3@BK A' ' ' KEA2F' @2' NFB 'E2' 1 ' P2' B ' @2' KEL ' N 32A!

' ' ' " $;

? '4@' B ' @232' LKF ' "N '423' I '3' 4' 2A' E' 'E4 2E ' C23' 2 @2F' @39 %70 ' !2!' 12E2F 4' G ' '' 3KL 2FF'E2'E' N '42 ' BF' 0 8 ' '' 3 22N E1"N '42 ' ''E2 I 'E 'C2' B ' @F 3 'E' BF 1 E' ĩ@ 4@' @2' N '1 'E3' 4BK A' BE G' F2N2 ' ' NFBL 'L G' I @BK ' KEA2F3 'EA E1ů' 3BC 2 C23' ' 3B' 7 (03 8 ' BF' 76 ' 3' ' E' 2SK H ' 2E ' B' 3 1E G' @' ' ' I '3' @2' LKF ' "N '42' B ' C 'F GF3' BF' 4BE 233BF3' B ' @2' ' @!' E' BFA E 'FG' 1F 'H2' I '3' 4 ' 2A'# 86 BF'# 8#86' ' ' 4BE ' E2A' '' 3 E1 2' LBAG'ů BF' I 6 8 ' 0 6 8 ' BF' L87$ 6 8 ' ' ' 4BE ' E2A' IB ' @F22 ' BF' BKF!' @2' 1F 'H23' I 2F2' AK1' LG' 66 6' 'EA' LKF ' ' E' @2C ' I '3' 4' 2A' $ 9 6# ' @2' 1' 2F 23' AB' EB ' 322C' B' @ 'H2' @ 'A' ' EG' 3N24 4' E ' C 2' ů LK ' @2' 4@ ' CL2F3' I 2F2' 4' 2A' 8I 8#7' E' CB3 ' B ' @232' 4@ ' C L2F3 ' 'EA' 3BC 2 C23' ' 3B' E' @2' 1' 2F 23' @2C 32 H2"3 ' BE2' BF' C BF2' BC L3' 'F2' B' L2' 322E' B ' '' C BF2' 2 'LBF' 2' O EA' ů '' BE1' L BE1' @766 ' O2' ' '3 'F4BN@ '1K3 ' 2 @2F' @ B T B I 2A' BK ' E' @2' FB4O' BF' LK ' KN' B ' C '3BEFG ' 'EA' 4 B32A' LG' '' @2 'HG' 3 'L' B 'C 'FL 2' G E1' @BF PBE ' VBE' @2' BN!' @2' E 4@2' BH2F' BCL3' B ' @ 3' O EA' I '3' B ' @2' 3 ' C 2' 2E1 @' '3' @2' 1F 'H2 ' 'EA' 12E2F' G 'H ' K 2A' E' '' 32C 4 F4K 'F' BFC ' I @2E42' @2G' I 2F2' 4' 2A' 7 6 # 7' BC2 C23' @B I 2H2F' @2' E 4@2' F2 ' E2A' @2' F24 'E1K 'F' BFC ' E' I @ 4@' 4'32' @2F2' I '3' EB' 3N24 ' ' $'#3Q BF' ' LK ' BF' A 3 E4 BE ĩ3' 3 'O2' I 2' C 'G' L2' ' B I 2A' B' 4' ' ' '' 'L 2" BCL!' @B32' B ' @2' 7 6 # 7' I @ 4@' I 2F2' ' 3B' @2' BCL' B ' C 'F GF3 ' I 2F2' K32A' BE' @2' 'EE H2F3 'F 23' B ' @2 F' A2' @3' Z 707# # 7' BF' L F @A 'G3 ĩ '3' ' 'F3' I @2F2BE' @2' @B G' CG3 2'" ' F 23' I 2F2' 42 2LF' 2A' ů @2E42 ' I @ 3 ' 3BC 2' B ' @2' 8I 8#7' I 2F2' BE G' 'C G"H 'K 3 ' B @2F3' I 2F2' 4@ 'N2 3 ' BF' N '423' B ' NKL 4' '332C L G!' ' 3' NFBL 'L 2' @ ' ' @2' @B G' C G3 2F 23' I 2F2' 42 2LF ĩ 2A' ' 3B' E' k 2' NF H ' 2' H 'K 3 ' BE' @2' 'EE H2F3 'F 23' B ' @2' A2' @3' B ' @2 F' B44KN 'E 3' ů 'EA' 2 '4@' BE2' I '3' 3K 4 2E G' 'F12' E' 32 ' BF' K32' BE' @232' NF H ' 2' B44 '3 BE3ů LK ' E' BFA2F' @ ' ' '3' C 'EG' '3' NB33 L 2ů C 1@ ' '33 3 ' ' ' @2' NKL 4' 42 2LF' T BE3' IB ' @F22 ' BF' 2H2E' BKF' B ' @2' 8I 8#7' I 2F2' B 2E' C 'A2' 4 B32' B12 @2F' ' ' F242 H E1' 1 ' 'EA' ' F' @FBK1@' BE2' 3@ ' ' BF' ' F"@B 2' ,#8 7 T N 2F42A' @FBK1@' @2' 3KN2F E4KC L2E ' 3B ' KN' B' @2' BN2E' ' F!' E' @ 3' I 'G' '3' C 'EG' '3' ''@KEAF2A' N2F3BE3' C 1@ ' L2' 4B 24 2A' E' 3BC2' N 'F 3' B ' @2' 4 ' '4BC L3' B' '33 3 ' ' ' @2' 3 ' C 2' ' 4 ' B 'NKL 4' I BF3@ N' ů I @ 3 ' ''3 ' 'F12F' EKC L2F' C 1@ '@ ' H2 22E' A 3N2F32A' E' @2' 8I 8#7' B ' E2 1@LBKF E1' 1 ' 2F 23 ' 'EA' F242 H2A' @2F2' @2' LF2 ' A' B ' 2' LFBK1@ ' B' @2C' LG' @2' '33 3 ' E ' NF 23 3' 'EA' A2 ' 4BE3!' EA 4' BE3' B ' @ 3' 'FF' E12T C2E ' 'F2' EB ' BE G' B' L2' BKEA' E' 'E4 2E ' 244 23 '3 4' ' I F E13' ů @2G' C 'G' 3 ' L2' 322E' E' @2' H2FG' I ' 3' B ' @2' 4' '4BC L3' '2C 32 H23 ' 2N 3T 4BN ' '4@ ' F3 ' 4@ ' F3' BF' @2' NF23 A E1' 2 ' 4BE ' BF' A2 ' 4BE233 ' 'EA' L2E4@23' BF' @2' ' @ K ' @ 'H E1' BFC 2A' N 'F ' B ' @2' BF 1 E ' ' A23 1E' Ĩ@2E' @2

4@'CL2F3' I2F2'@2IE'BK'B ' @2' H E1' FB4O ' 'EA' 3 ' F2C ' E E1' I@2F2' @2G' I 2F2' F3 ' C 'A2!J% 3 ' ##! $! .' #%- !' $5 -+$# + ? B' BKF' 4 '33 4' '33B4 ' BE3 ' BC 2' I '3' 3 ' KEA2F' F' 'E' 'EA' @2' K BE E23 ' @2' 4 G' B ' @2' '23'F3 ' @2' C 2 FBNB 3' B ' N'1'E' AB ' FG'% ' E' @2' N'123' B ' @2F' NB2 3' 'EA' @ 3 BF 'E3' I 2' 3 ' E12F' 'CBE1' @2' F KCN@3'B ' @2' 'N B ' @2'3@BI 3'B ' @2' B 32KC% BF' ' I 2' F2 'A' B ' '' @F 3 'E' L2 E1' AF' 112A' L2 BF2' @2' F LKE' ' BF' 2!MNB32A' B' @2' L2 '3 3 ' I 2' @ EO' B '@ C' '3' BE2' B ' '' 34' 2F2A' 4BC CKE G ' 2 I ' E' EKCL2F ' 3N F 233' E' '4 BE ' 'EA' NB 4' G' E3 1E 4'E !' K ' ' ' @ 3' I @ 2' @2F2' I '3' H E1' L2E2 ' @' @2' H 3 L 2 ' 'E' EH 3 L 2' BC 2% ' 'NBNK ' BE' KE@22A2A ' KEF24OBE2A% @BK1@ ' B ' H '1K2 G ' H '1K2 G' 3NBO2E' B ' 'EA' I @' @2' 'C 'F G' 'EA' EA 2F2E42' @' ' C 2E' 22 ' I @B' H2' BE' '' HB 4'EB% G2 ' '' NBNK ' BE' 3 FBE1"@2'F 2A ' B ' SK 4O' CNK 323 ' E2FH2A' ' O2' B' 3K 2F' BF' B' A 2 ' 'EA' @F EKCL2F ' F23B K BE ' 'EA' N@G3 4 ' ' BF42' 3K 4 2E ' B' @ ' H2' @KF 2A' @2 F' BNNF233 F3' FBC' @2' @FBE2' B ' @2' I BF A' @ 'A' @2G' EB 'A22C 2A' ' @2 F' AK G' B' O 33' @2' FBA ' B' BH2' @2 F' 2E2C 23 ' B' L 233' @B32' @' ' 4KF32A' @2C ' 'EA' B' 3KLC ' BF' @2 F' 2A22C 2F(3' 3 ' O2 ' B' @2' / NB I 2F3' @' ' L 2!(' 2F2 ' E' @232' / A2E3' 'EA' 4 ' H23' B ' @2' 2 ' F @ (' @2G' H2A)' @2F2' @2G' A 2A% '' / 3N24 '4 4(' E' @2 F' 2 N2' / B' C 2E' 'EA' ' E12 3 (' 'EA' E' @2 F' A2' @' '' /' F KCN@'(' B' C ' EO EA% '' F KCN@' B ' I @ 4@' @2' 24@B23' 3 ' B' ' 'FBKEA' @2' I ' 3' B ' BC 2 ' 'EA' BH2F' @2' A23B ' 2' 'CN!B1E' ' I @ 2' @B32' @' ' BE42' @F 2A' @2' 'N B ' 'F2' 3 2E42A ' 'EA' @2' I ' 3' @' ' F2 KFE2A' @2C ' @ 'H2' BE1' 3 E42' 4FKCL 2A' E B' AK3 !J% 5' $5 8' % # $' #.' !' :!

@2' E' C2' ' '4BCL3' 3' CBA2FE' @' H E1' BF 1 E' G' L22E' BE G' 'NN 2A' B' !' 2L' 3 'EB' ?' 'A' 4 ' '4KCL' 3!J' @2' 2' F G' @F 3 'E3' 4 ' 2A' @2 F' LKF ' ' N '423' LG' @2' * F22O' E' C2' $ 7' 3 22N E1"N '423!' CB3 (' ' ' @2' 4 ' '4BCL3' 'F2' L2 I 22E' @2' F3 ' 'EA' @ FA' C 2"3 BE23' FBC' @2' KF2 'E' I ' ' B' I @ 4@' NB E ' @2' 4 ' 2M 2EA2A' L2 BF2! @2' I ' ' 32 ' I '3' LK !' @ 3' I '3' E' BL2A 2E42' B' @2' BC 'E' ' I ' I @ 4@' BFL 'A2' LKF ' ' I @ E' @2' NF24 E4 3' B ' @2' 4 G!

@2' '4 ' @' ' @2' @F 3 'E3' I2F2' ' I 'G3' 'EM BK3' EB ' B' LKC' @2 F' A2 'A ' LK ' B' LKFG' @2C ' E' @232' FB4O"@2 I E' 32NK 4@F23 ' I '3' NFBL 'L G' B E1' B' @2' F2C2CLF 'E42' @'

BKF BFA' I '3 @ C32 ' ' A% ?' E' '' E2 I' BCL' @2 I E' BK ' B ' @2 FB4O J' 'EA' N2F@'N3 ' 3B BF @ 3 F2'3BE' @2 LBA 23 I2F2 IF'N ' E' E2 E2E' 4 B @3 ' 'EA' LKF 2A' I @' NF2T 4 BK3 3N 423 ' B ' I @ 4@' F2C ' E3 @'H2"L22E' BKEA' E' @2' BCL3!

@2' ' '4BCL' I @ 4@' 3 OEB I E' '3 !' ' M K3 ' 3' 4BCNB32A' B ' '' EKCL2F B ' 4' '4BCL3 ' BE42' A 3 E4 ' LK ' EB I' B E2A' B12 @2F!' K4@' I2F2' @B32' B ' '!' K4 E 'D' B ' E' B ' ' A'K1@ 2F B ' @2' 4BE3K ' C 'EK3D 'EA' B ' '!' B 2F 3 ' ? '' H F1 E' B ' @2' 'C G' B' I @ 4@' !' CT LFB32' L2 BE12A' E' '' ' 2F 12E2F' BE J' 'EA!' I @B' I '3 LKF 2A' ?' E' 4B2C2 2F B' 3KB J' & ' 7<:!' @2' N'33'123 B ' @232' 4' '4BCL3 I2F2' 1F'AK' G' KE 2A' I @' @B32' I @ 4@' BF 1 T E' G' L2 BE12A' B' @2' 42C2 2FG' B ' ' M K3!

@2' @ 1@' C'3 ' B ' FK E' I @ 4@' C22 3' BKF' 2G23' BE' F3 ' 2E 2F E1' @2' H E2G'FA' B ' !' ' M K3 ' 3' '' F2CE'E ' B ' @2' BCL' B ' @2' '24 ' B ' I @ 4@' 'C G' '' EKCL2F B '2N 'N@3' @'H2' L22E' BKEA!' 2GBEA' @ 3' 3' 'EB @2F' FK E ' 3KNT NB32A' LG' 'F'E1BE ' B' @'H2' L22E' @2' L '3 4 '' I @ 4@' !') 'C '3K3' NFBH A2A' BF' @ 3' B I E' LKF ' ' 'EA' @' ' B ' @ 3' CB @2F' 'EA' 3 3 2FD I @ 4@' ('AF2' 'F4@ ' L2 2H2A' B' L2' @2' 4@KF4@' B ' !' 'FO' 'EA' !' 'F42 EK3 % LK' I @ 4@') 2' B33 ' A2E 23' I @' U2 ##7' ' 3BC2 C23' 4' 2A' B ' !' 3 K3 ' 3BC2 C23' B ' !' 24 '' L24'K32' LK ' CT C2A ' 2 G' BH2F' @2' 1F'H23' B ' @B32' C 'F GF3 ' LG' !' 'L 'E' E' @2' @ FA' 42E KFG! ' =

) 2342EA E1' E B' @2' ' '4BCL' LG' 'E' 'E4 2E ' 3 ' F4'32' F23 BF2A ' I2' F2'4@ ' N'33 E1' '' 32NK 4@F' ' 4KL 4K KC' BE' @2' F 1@ ' @2' @79 # '0@ ' ! 9 6 ' '' N '42' B '=LKF ' ' 'EA' B

7; , 9 ' 9' /

I BF3@ N' B ' @2' @ FA' BF' BKF @' 42E KFG ' '3' ' I '3' F23 BF2A'
' 2F' 3' A 34BH2FG' E' , \ : ' LK ' 3 ' F2 ' E E1' F2C ' E3' B ' @2'
C 'FL _' 3 'L3' I @' I @ 4@' ' I '3' '42A' LG' M K3' !' E' 2'
@' 42E KFG ' 'EA' B '=C 'FL 2' 4B KCE3 ' &4!' I @' I @ 4@' ' I '3'
'ABFE2A' LG' !' 2B' !' -8\", ; !' @2' I ' 3' 'F2' E2A'
I @' 1F 'H23' B ' @2' 2 'F 23 ' NBN23 ' C 'EG' B ' @2C' C 'F GF3% '
H P!' !' `2N@GF EK3 ' 9<9"9 D' !' (BE 'EK3 ' I@B' A 2A' E'
L 'E 3@C2E ' E' 'FA E ' ' 97 "97; D' !' E 2FB3 ' C 'F GF2A'
KEA2F' 'M C 'E' E' @2' 324BEA' CBE @' B ' @ 3' NBE 4' 2 '
97; D' ' 'L 'E ' C 'F GF2A' KEA2 D') 24 K3 ' 97;"9\< D'
' K4 K3 ' C 'F GF2A' KEA2F' ' 2F 'E ' 9\7"9\\ D' !'
2N@2E' !D' C 'F GF2A' E' @ 3' 2N 34BN' ' 4@' F ' KEA2F' ' 2F 'E '
j9\\"9\ - D' ' M K3' !' C 'F GF2A' E' @2' 4' '4BCL3' B '
' (F2 2M ' K3 ' 9\-"9; < D' ' BEG3@ 3 ' 9; <"9- D'
' K G4@ 'EK3 ' C 'F GF ' 9-\"9, 7 D' 'EA ' ' K3 ' 9, :'"
98; !' ' @232 ' @2' 1F 'H2"3 BE23' B ' E 2FB3 ' 'L 'E '
K4 K3 ' 'EA' K G4@ 'EK3 ' @ 'H2' L22E' A 34BH2F2A ' I @' ET
E34F N BE3' E' * F22O ' I @ 4@' 3' 4OEB I 2A12A' B' @ 'H2' L22E'
@2' 2 'F 23 ' 'E1K '12' B ' @2' 4@KF4@ % E' I @ 4@' !' ('K ' 'EA'
!' U 'C23' I FB 2 ' 'EA' E' I @ 4@' @2' NFB422A E13' B ' @2' F3 '
I 2 H2' BKE4 3' I 2F2' 4 'FF 2A' BE! ' @BK1@' EB' E34F N BE3'
@ 'H2' L22E' BKEA' F2 ' E1' B' @2' B @2F' NBN23' C2E BE2A '
@2G' 'F2' OEB I E' B' @ 'H2' L22E' LKF 2 ' @2F2' FBC' @2' 2 'F 23 '
'K @BF 23!

H2F' @2' 3 2' B ' @2' ' 'F' 3' BE2' B ' @2' L2 'K K G"4K '
E34F N BE3' B ' (BN2' !') @ '3K3' 7; ; "7, : ' ?' I @B32' 'LBKF'
B ' BH2' ' I '3' B' F2A 34BH2F' @2' BCL3' I @ 4@' @ 'A' L22E'
L B4O2A' KN' BF' 4BE42 ' C2E ' KEA2F') B4 2 'E ' B' F2CBH2' @2'
2 'F @ ' I A2E' 2' N '33 '123 ' 'ABFE' @2' 32NK 4@F' ' 4@ 'CL2F3

I @' C 'FL 2' 'EA' 3KNNBF' @2' F 'L 2' K '' I ' 3' I @' 'F4@23' B 'LF 40' 'EA' 3 BE2!J

?' 2' 4BE123 '' '42 ' SK '3F 3' 3 ' KFL '' (BFKC '
BFNBF '' 'E4 BFKC ' F2 E2E ' H2E2F ' EA '' 32NK 4@F '!
KL C23' 'E C '3' F 'NK '3 L ' 21 '' 42 0
2' 4BC 23' 5G3 'NBF 'E ' SK ' 2M' @B3 2' FBN 2 '' D
2' EKC 2FK3' NFB42FKC ' 32FH ' ' SK ' ' 'F '' @F 3 D
2' NB3 K3' BE1 '' H M ' SK ' E' N '42' '42FAB3' D
2' BE 233BF23' 3 'E4 ' SKB3' * FC 4 '' C 3 D
2' KH2E23 ' NK2F SK2 ' 32E23 ' 4 '3 SK2' E2NB 23
>K 3' C '12' H F1 E2KC ' N '4K ' F2 E2F2' NKABF2C !
2' ' 2BF') ' K23K3' HB K ' C 2 '' 4BEA2F2' C 2C LF '
2A' 4 E2F23' CK '3 'E4 B3' H2M ' F2' (BFKC !

?' 2F2 ' 'GBK' I BK A' OEB I ' 2' @2 ' N2A' B12 @2F' '' EKC L2F' B ' @2' @B G '
@232' @BEBKF2A' 32NK 4@F23' E4 B32' @2' LBA 23' B ' @2' 3 ' E 3
@2 F' B G' 3BK 3' @2' N ' '42' B '@2' H2E' @ '3' F242 H2A!
(2F2' 2' @2' 4BE BE ' B ' 5G3 K3 ' I @B' L2 ' F' ' I ' G' @2' FBN@ 23'
FBC ' @2' 2E2C GD
2F2' '' F L2' B ' @2' 2 A2F3' I @ 4@' 1K ' FA3' @2' ' 'F3' B ' @F 3 D
2F2' 3' LKF 2A' @2' NF 23 ' I @B' H2A' BE1' E' N2 ' 42' D' g
2F2' @2' @B G' 4BE 233BF3' I @B' 4 ' C 2' FBC ' * F2242' D' U
2F2' 2' GBK @3' 'EA' LBG3 ' B A' C 2E' 'EA' @2 F' 4@ ' 3 2' A2342EA ' E 3!
@B' O2N ' @2 F' H F1 E G' KEA2 2A!
2F2' ') ' C ' 3K3' I 3@2A' B' @ ' H2' ' A' C G' CL3 '
K ' 2 ' F2A' B' A 3 KFL' @2' @B G' '3@23' B ' @2' 3 ' E 3!J ' h

FBC' @ 3' 4@ ' N2 ' I 2' 2E 2F' @2' 8I 8# ' ' 07 ' # 7 ' I @2F2' @2' LBAG' B ' @2' 3 ' E ' I '3' LKF 2A' LG' @2F' F 2EA' $FL ' E' ' 2F' @2F' C 'F GFABC' E' @2F' B I E' @BK32' E' @2' F '3 2H2F2' 322' @ 'N!' 5 ! ' !) !' 99 : ' ' EA' I @2F2' ' I '3' A 34BH2F2A' E' ,9< LG' (BN2' ('34@ ' ' !' B' I @BC' 3' F23 E1"N '42' @ ' A' L22E' F2H2 ' 2A' E' '' AF2 ' C ' ?' F23@' 'EA' N2F 24 ' '3' I @2E' ' I '3' F3 ' ' A' E

' BC '' B 2FF ' E2 ' ' N!' 8-!
' !' 2 4@ ' A23 ' LKF 2A' E' 'EB @2F' N ' F ' B ' @2' 4 ' '4BCL ' I @B' H2A' BE1' E' N2 ' 42' ' 2F' @2' N2F324K BE' @ ' A' 42 ' 32A!'
' NNB G K3 ' AF '3 ' 'F4 ' ' 2B ' (' K E ' ' ' EA' B @2F3!
' !') ' C ' 3K3' I ' 3' LKF 2A' E' @2' 4@ ' N2 ' ' LBH2' @2' 2E F ' E42!
!' !'

@2' BCL' 'EA' 4 'A' E'F 4@' 1'FC2E 3' C M2A' I @' 1B A' I @' E2E' 4 B @3' 3 ' E2A' I @' L BBA' FB 2A' KN' ' ' @2F' 22 ' G E1' E' '' 4G F233' 4B E!J

B32' B' @2' 2E F'E42' B ' @2' 4KL 4K KC ' KNBE' @2' I ' ' 3' '' N' E E1' B ' 24 ' ' ?' '' IBC 'E' F 4@ G' ' F2A' 'EA' 'ABFE2A' I @' LF'42 2 3' 'EA' E240 '423!J' 2'F' ' 3' '' E 4@2' BF' @2' 'CN' I @ 4@' LKFE ' L2 BF2' @2' 3@F E2' ' ' @2' L '4O' B ' I @ 4@' 3' '' 'F ' @2'A' B ' KF' 'H BKF' ?' B ' . @2' GP'E E2' GN2' 'EA' I @' F'G3' B ' 1 BFG' L2@ EA' ' E' @2' BFC' B ' '' * F22O' 4FB33!' A2' LG' 3 A2' I @' @ 3' LK ' BE' @2' ' ' 3KF '42' B ' @2' I ' ' 3' '' 1KF2' B ' !' $FL'E' @2' F 2EA' B ' 24 ' ' I@B' ' A' @2F!' LBAG' @2F2 ' E' K ' NBE 4' ' FB 23' I @' @ 3' E'C2' E34F L2A!J 1@2F' BE' @2' I ' ' 'F2' 1KF23' B ' @F22' 3' E 3' ?' 2M24K 2A' 'NN'F2E G' E' @2' BKF @' BF' N2F@' N3' 2H2E' @2' @' 42E KFG' J%' (B G4'CK3' 'E' KE0EB I E' C 'F G ' I @' '' ' C' LF'E4@D' 2L'3'' 'EK3D' 'EA' KF EK3' '' L 3@BN' >K F EK3' L 3@BN' B ' 34 '%' LKF 2A' ' ' !' 2L'3 'E !' E' @2' N'H2C2E ' 3' '' 1F'H2"3 BE2' B ' 2N CK3' (F2 2M ' K3' '24 'EK3' ? '' 32FH'E ' B ' *BA' I@B' H2A' I BF @G' BF' @F22"'EA" @ F G' G2'F3' D' J' % ' 4BE'' 3 A2F2 ' SNBF ' ' '3' 3K1123 E1' '' 4BEE24 BE' L2 I 22E' @2' 'C G' B ' 24 '' 'EA' @' ' B ' !' (F32 2M ' K3' E' I@B32' 4' '4BCL' BE' @2' B @2F' 3 A2' B ' @2' NN 'E' 'G' @2F' @K3L'EA' 'EA' LFB @2F" E" ' I' I 2F2' LKF 2A ' A' I@2F2' @2F' F 2EA' !' $FL'E' I '3' 4BE42' 2A!

@232' IB' 4@'N2 3' 'F2' @2' BE G' BE23' I @ 4@' ' 3' E24233'FG' B' A I 2 ' KNBE' @2F2' E' A2 ' !' @2' F23 ' B ' @2' 4' '4BCL' 3' 3@B I E' E' H'FG E1' BFA2F ' 'EA' 2MN ' E2A' E' A 2F2E ' I 'G3!' @F22' NB E 3' 'F2' B ' @ 3 BF 4' E 2F23 ' !' @2' FBB "3@'N2A

' 'CBF2' 3& 0 E1' 4BC C2E 'FG' BE' @2' A H E2' NFBC 32' /' @2' BFA' O22N2 @' ' ' @2' LBE23' B ' @ 3' 32FH ' E 3D' 2' I ' EB ']32' BE2' B ' @2C ' (3!' MMM !' , : ' ' IBK A' L2' A 4K ' B' 4BE42 H2 ;;W 7' 0 7 7

BCL' B ' (BN2' !' 2 4@ 'A23 ' I@B' H2A' BE1' E' N2'42' 'EA' A 2A' !) !' 7 7!' 9!' @2' KL 4K KC' B ' (BN2' !' K32L K3 ' E @2' C AA 2' B ' I @ 4@' 3' N '42A' 'E' E34F N BE ' N'1'EGC' BE2' 3 A2 ' BE' @2' B @2F' '' F23 BF' BE' B ' @2' @' 42E KFG' B ' BE2' B ' @2' L2'K K ' E34F N BE3' B ' (BN2') ' C '3K3 ' I @ 4@' 3' @K3' F'E3 ' 2A0%

?' 2F'4 K3' BFL'A2' @2' 'N32A' B' 1F 2H2' BF' @2 F' 3 E3!' K32L K3' 'K1@ ' @B32' KE@ ' NNG' BE23' B' I 22N' BF' @2 F' 4F C 23!' @2' N2BN 2' I 2F2' F2E ' E B' N'F 23 ' 'EA' I @' E4F2'3 E1' KFG' L21 'E' 32A BE ' 3 'K1@ 2F ' 1@ E1 ' A 34BFA ' 'EA' 3 F@2!' F' 1@ I 'G' LB @' @2' NBN2' 'EA' @2' @2F2 4 ' I 2F2' L ' E 3@2A' LG' @2' 4FK2 G' B ' @2' GF'E ' ' @BK1@' @2' NBN2' I '3' NF232FH E1' @2' LBEA3' B 'N2'_ ' EH B ' 2!' 2' LBF2' @ 3' 2M 2' I @' BG ' BBO E1' B' @2' BFA' '3' @ 3' KA12 ' 'EA' BE' @2' 3@BF2' B ' 4 G' 1 'H2' KN' @2' I BF A' 'EA' @ 3' 2!' J

' @2' BN' LB BC' B ' @2' 'L 2 ' 3' @2' B BI E1' 20%

?') ' C '3K3' N 34BNK3' 24 ' K32L B' 2N 34BNB' 2 ' C ' F GF J

'EA' BE' 2 @2F' 3 A2' '' 3 E1 2' 2' B ' 2 2F3' I @ 4@' @' EA3' AB I E' B' K3' @2' E' C2' B ' @2' 34K N BF' I @B' 2M24K 2A' @2') ' C '3 E2' E34F N BE3!

?' KF K3') BEG3 K3' B4' K3' 34F N3 ') ' C '3 3' N' NNC' 4K BF' ' SK2' = ' ' C ' B !J

7!' 2 'F' @2' 2M ' NFBN2F G' E' @2' 4' '4BCL' B ' '!' K4 E' ' 4BEE24 2A' I @' @' ' B ' ' M K3' U3' ' ' LGF E @' B ' 1' 2F 23 ' 3' @2' BCL' B ' (BN2' !' BFE2 K3' 9\ %9\9 ' @2' BE G' BC 'E' L 3@BN' AB I E' B' @2' C2' B ' !' G H23 2F' 7 : ' I @B' LBF2' @2' E' C2' B ' 'EG' EBL 2' BC 'E' 'C G ' 'EA' I @B32' 2N 'N@' N2F@' N3' E' 4BE32SK2E4+ ' 3' E' ' E ' I @ 2' @B32' B ' @2' B @2F' NBN23' 'F2' E' * F22O!' @2' BCL' @' 3' EB' 4@' N2 ' B

3' B I E ' LK ' 3' '' C2F2' 1F'H2' E' '' 1' 2FG ' I @' '' F24 'E1K 'F' E3 2 'A' B ' '' 4 F4K 'F' 3N '42' 'LBH2 ' '3' E' @2' 4KL 4K '!' 2 'F' @2' GCL' 'F2' F'1C2E 3' B ' BE2' B ' @2' 4BCC2CBF' H2' E34F NT BE3' B ' !') 'C '3K3 ' I @ 4@' @ '3' L22E' E12E BK3 G' F23 BF2A' LG') 2' B33 ' @K3' 0%

?' 3N 42 ' A2342E3K' 2M FK4 B' 2E2LF 3SK2' K1' 3'
BC 2 ' CBEKC2E '' H A23' KCK KF' SK2' 3 '4F' KC'
B4' BNK3' 1FB ') 'C '3 'NF#3 'E '' 24
332 'K ' '44233K3' C 2 BF ' NBNK 3SK2' N 'F' KC'
KM KC '3 'E4 ' 2 'H ' 2 '3' 3 ' KEA2F2' NKFB'
* BFA2' NF2423 ') 'C '3K3' C 2 BF' RBE3KF12F2' NB332
> K2FE' EBE' K4 3' 'CBF ' 2FG ' C '12' 4KF'' 'LBF 3!J

/'/ 2@B A'X '' I 'G' AB I E' @ '3' L22E' 4BE3 FK4 2A ' 'EA' @2' A 'FOE233' A 3T N2 2A0' GBK' 322' @2' CBEKC2E 3' B ' BFE2 K3 ' 'EA' @ 3' 3 '4F2A' BCL!' @ 3' I BFO' @2' P2 ' ' B ') 'C '3K3' @ '3' '44BCN@3@ A ' 3 4O' '3' @2' 3!' E' BFA2F' @ ' ' @2' 'NNFB '4@' C 1@ ' L2' L2 2F ' 'EA' @2' ' A' B ' @2' 3 ' E ' C 1@ ' L2' C 'A2' 4BEH2E 2E ' BF' @2' N2BN 2'0' 'EA' @' ' 'GBK' I 'NBKF' BF @' GBKF' NF 'G2F3' FBC' '' NKF2' @2 'F ') 'C '3K3' C 'G' F 32' KN' L2 2F' E' @2' @' @BK1@' '@ '3' EB 'L22E' BH2' B ' 2 ' LK '4 'F2' BF' I BFO ' @' ' @ '3' O2N ' @ C' @2F2' L2 B I !J'

!') BFE2 K3' '3' L 'E 3@2A' KEA2F' * ' K3' B' 2E KC42 2' % EB I ' H '' 244@ ' ' 'EA' I '3' LFBK1@ ' L '4O' @2E42' B' BC2' BF' C 'F GFABC' 2N !' : ' & ' 9\9!' E' @2' 3 'C2' A 'G' B ' @2' CBE @' E' 9\, ' A 2A' @ 3' F 2EA' 'EA' 4BFF23NBEA2E ' !' GNF 'E ' 'F4@L 3@BN' B ' 'F @ '12 ' I @B' 3' 4BE32SK2E G' 4BCC2CBF' 2A' LG' @2' @KF4@' BE' @2' 3 'C2' A 'G' I @' !' BFE2 K3!' @2F2 BF2' ' 3B ' BE' @2' F 1@ ' B ' @2' 1F 'H2 ' 'F2' I B' 1KF23' B 'L 3@BN3' I @' E34F N BE3' A24 'F E1' @2C' B' L2' !' BFE2 K3' 'EA' !' GNF 'E!' '4@' @B A3' @2' LBBO' B ' @2' 1B3N2 3' E' U 3' @ 'EA3' 'EA' 3' 4 B @2A' E' NBE 4 ' ' FBL23 ' ?' E4 KA E1' @2' N ' KC ' I @ 4@' @ 'A' EB ' G2 ' L22E' 4BE E2A

' BC '' B 2FF 'E2 ' 'N!' ,<! ' L 'E' K 2F 'H ' 9<:!

‘3‘ ’‘ C ‘FO‘ B ‘ A 3 E4 BE‘ B‘ C2 FBNB ‘E3! ‘ 2E2‘ @‘ @2‘ N 4 KF2‘ 3 ‘EA3‘ ’‘ N ‘F‘ I @ 4@‘ @2 A‘ BE2‘ B ‘ @2‘ H‘323‘ B ‘ B ‘ I @ 4@‘ I 2F2‘ ‘ I ‘G3‘ O2N ‘ LKFE E1‘ L2 BF2‘ @2‘ 3@F EO3‘ ‘ @2‘ C ‘F GF3!‘ 2GBEA‘ @2‘ BCL‘ ’ ‘ @2‘ 2EA‘ B ‘ @2‘ 1‘ 2FG‘ 3‘ ‘EB @2F‘ N‘ E E1‘B ‘ IB‘ L 3@BN3‘ !‘ 3 K3‘ ‘ C ‘F GF2A‘ E‘ @2‘ 4‘ ‘4BCL‘B ‘ (F2 2M ‘ K3‘ ‘EA‘ ‘ N ‘ K3‘ I @B‘ I ‘3‘LKF 2A‘ E2‘F‘@ C!

E‘ 1B E1‘FBKEA‘ @ 3‘ 4‘ ‘4BCL‘ ‘EA‘ E‘ CB3‘ B ‘ @2‘ B @2F3‘ @2‘ H 3 BF‘ I ‘L2‘ 3@B I E‘ ’‘ EKCL2F‘ B ‘FKA2‘ N‘ E E13‘ I @ 4@‘ I ‘L2‘ 2MN ‘ E2A‘ B‘ @ C‘ E‘ H‘F BK3‘ I ‘G3‘ ‘44BFA E1‘ B‘ @2‘ ‘ 2EA2E4 23‘ B ‘ @ 3‘ 1K A2!‘ @2‘ N‘ E E13‘ C ‘G‘ L2‘ 4BE3 A2F2A‘ B‘ 4BE3 3 ‘ B ‘ @F22‘ 4 ‘332A‘ 3GCLB 4‘ D ‘ 21BF 4‘ ‘ ‘EA‘ L L 4‘ D ‘EA‘ KF1 4‘ !‘ @2F2‘ 3‘ 2‘ H‘F 2 G‘B ‘3KL 24 % ‘ @2‘ 3‘ C2‘ ‘F2‘ E FBAK42A‘ BH2F‘ ‘EA‘ BH2F‘ ‘1‘ E!

@2‘ 3GCLB 3‘ C ‘ F2SK2E G‘ E FBAK42A‘ BE‘ ‘EA‘ BH2F‘ @2‘ 1F‘H23‘ ‘F2‘0%

‘ %!‘ $-% .‘ 2MNF233 H2‘B ‘@BN2!‘ 2L!‘ H !‘ 8!

%!‘ *!.‘ 3GC LB 4‘ ‘ B ‘ @2‘ @F 3 ‘E‘ 3BK ‘F2 2‘32A‘ FBC‘ 3‘ 2‘F @ G‘ ‘L2FE‘4 2!‘ (3!‘ H!‘ ;!

%!‘ %!!‘.‘ 3GCLB 4‘ ‘ B ‘ @2‘ 3BK ‘ 3 ‘ I ‘EA2F 1‘ ‘C A‘ @2‘N‘3 KF23‘ ‘EA‘A232F 3‘B ‘2‘F @ G‘ 2!‘ (3!‘ 4M M!‘ -;!‘ 3‘ ‘@‘ !‘ ;!‘ UB@E‘ 5!‘ :D‘ MM !‘ \‘ ;‘ -!

%!‘ % !$C.‘ H‘ @2‘ N‘ C‘ L FA J‘ 2CL 2C‘ 4‘ ‘ B ‘ 2 2FE G‘ ‘EA‘ @2‘ F23KFF24 BE!

%!‘) %% GN 4‘ ‘ B ‘ KF‘ ‘H BKF% FBC‘ @2‘ I BFA‘ BFC 2A‘ LG @2‘ E ‘ ‘ 2 2F3‘ B ‘ @2‘ 23‘ B ‘ KF‘ BFA (* ‘ =‘ ! %‘ _! ‘ ‘% ‘ ‘% ? U23K3‘ @F 3 ‘ @2‘ BE‘B ‘ * BA ‘ @2‘ ‘H BKF!J

%!‘ F2NF232E E1‘ @2‘ @KF4@‘ E ‘E ‘3BC2 C23‘322E‘ 4‘FF 2A‘ BE‘ @2‘ L‘4O‘ B ‘ @2‘ 3@!

! 5.‘ F2NF232E 2A‘ I @‘ 3@‘ 3BC2 C23‘ 4‘FF 2A‘ E‘ ’‘ L‘3O2 ‘ BE‘ 3‘ L‘4O ‘ 3BC2 C23‘ I @‘ ‘BE‘ ’‘ ‘L 2% E‘ ‘ K3 BE‘ B‘ @2‘ CK N T 4‘ BE‘B ‘ @2‘ B‘H23‘ ‘EA‘ 3@23!‘

‘)! 3 "!‘) &1 !‘ ‘3&.‘ ‘E‘ ?‘ ‘E 2‘ E‘ ‘ K3 BE‘ B‘ @2‘ @KF4@!

‘ BC’‘ B 2FF‘E2‘ ‘N!‘ ,9!

‘ ‘ /

‘ 9 $!% ’ 3B’ E’ ’ K3 BE’ B’ @2’ @KF4@!’ (3!’ MMM!’ ! 3’ ’ ’H!’ !’
$’ " *!’ $-%‘ ’3’ ’’3 1E’ B ’(2’42!
‘ "3‘ $-%‘ ’3’ ’’3 1E’ B ’H 4 BFG’ ’EA’ C ’F GFABC!’ 2H!’ H !’ 8!

% 7#7 $‘: I# 7# 9 6 070 6

‘ @232‘ @ ‘ G $‘ @ 9@ $‘F2SK F23‘ ’E‘ 23N24 ’ ‘ EB 42‘ FBC‘ @2‘ CNBF ’E42‘ I @ 4@‘ 3‘ 1 H2E‘ B‘ ‘ ’EA‘ 3‘ F2SK2E ‘ E FBAK4 BE‘ E‘ 4’ ’4BCL‘ ’F ‘ LB @‘ E‘ 34K N KF2‘ ’EA‘ N’ E E1!

=’ ?’ G’ ’F’ @2’ CB3 ’ E 2F23 E1’B ’ @2’ 2’F G’ @F 3 ’E’ N’ E E13’ 3’ @’ ’ B ’ KF’ ’H BKF’ ’3’ @2’ * BBA’ @2N@2FA ’ I @ 4@’ 3’ ’ CB3 ’ EH’F ’L G’ N’ E 2A’BE’ @2’ 42E F’ ’3N ’42’ B ’ @2’ ABC 2’ BF’ 4KNB ’ ’ 3KL 24 3’ B ’ C EBF’ E 2F23 ’ L2 E1’ A 3NB32A’ ’FBKEA’ ’ E’ 4BC N’F C 2E 3 ’ NF24 32 G’ E’ @2’ 3 G 2 ’ ’3’ F21’FA3’ LB @’ @2’ ’FF’E12C 2E ’ ’EA’ 2M24K BE ’ B ’ @2’ @2’ @2E’ 4’ ’4BC L3!

?’ 2’ 3’F2NF232E 2A’ ’3’ ’’ GBK @’ E’ ’’ 3@2N@2F 3’. FB4O’ ’EA’ 3’EA ’ 3’ 4’FFG E1’ @2’ /’ B3 ’ 3@22N’{ BE’ @ 3’3@BK A2F3 ’ BF’ 2’ E E1’BE’@ 3’ 3 ’ ’ @2’ 3GC LB ’ ’44BFA E1’ B’ !’ K1K3 E2 ’ B ’ @2’ @F 3 ’E’@ 2F’F4@G ’ I @ 2’ @2’3@22N’ 22A’ ’FBKEA ’ BF’ BBO’KN’ ’ ’@ C!’ BC 2 C 23’@2’ 3’F2NF232E 2A’ 32’ 2A’ E’ @2’C A3 ’ B ’ @2’ B4O ’ N ’G E1’BE’ ’’3@2N@2FA{3’N N2 % E’ ’’ 2 I’ E3 ’E423 ’ E’ @2’B A23 ’ 4’ ’4BCL3 ’@2’ 3’ E FBAK42A’ E’ @2’ 4@’F’4 2F’ B ’ FN@2K3 ’3KFFBKEA2A’U G’ I A’ L2 ’3 3’2 FF’N ’LG’ @2’C 2 BAG’B ’@ 3’ GF2 % ’ FN@2K3’ L2 E1’ @2E’ 3KNNB32A’ B’@ ’H2’ L22E’ ’’NFBN@2 ’ BF’ NF24KF3BF’ B ’ @2’ 233 ’@!’ @2’L’4O1FBKEA’K3K’ G’2M@ L 3’ ’’ ’EA34’N2’BF’C 2’ABI ’ 3BC 2 C23’ N ’E 2A’ I @’ B H2" F223 ’ ABH23’ F23 E1’ E’ @2 F’ LF’E4@23 ’ 3GC LB 4 ’ ’ B ’ @2’N2 ’42’ B ’ @2’ ’ @ K D’ E’ B @2F3 ’ ’3’ E’ ’’ F234B’ NF2T 32FH2A’ E’ @2’ K32KC’ @F 3 ’EKC ’ @2’N1 C’B ’H 4 BFG’ 3’ E FBAK42A ’ % LK ’ 3K4@’ 4BC L E’ BE3’ ’F2’ 2EA 233!’ E’ BE2’ BF’ I B’ E3 ’E423’ @2’ 3KFFBKEA E1’4BC N’F C2E 3’ ’F2’ 2A’ I @’N2F3BE 4’ BE3’B ’@2’ 2’3BE3 ’ ’N ’2C L 2C 3’B ’@KC ’E’ 2’ I @2 2F’E ’ KF’ ’BF’3N F K’ !

?’ @2’3KL 24 ’B ’ @2’ * BBA’ @2N@2FA ’ ’ ’C’ 3BFFG’ B’ ’AA ’ 3’ EB ’ B ’ BC ’E’ LK ’ * F22O’ BF 1 E ’ ’EA’ I ’3’ ’A ’N 2A’ FBC’ ’’ 3 ’ K2’ B ’ 2F4KFG’ 4’FFG E1’ ’’ 1B’ ’ ’ ’ ’E’1F’ ’ C2E BE2A’LG’ (’K3’E ’3!’ @2’ @F 3 ’E’ 4BC NB3 BE’ ’NNFBM C ’ 23’ B’ 3’BF 1 E’ ’C BF2’E2 ’F G’ E’ @2’ 2 I’ E3 ’E423’ I @2F2’ KF’ ’H BKF’ 3’ F2NF232E 2A’ 4’FFG E1’ ’’ 1B’ ’ 2C L 2C ’ 4’ ’ B ’ @2’ 34’N21B’ ’ B ’ @2’ I A2FE233!’ = E1K ’F G’2EBK1@’ @BK1@’ B ’ * F22O’ N’F2E ’12 ’ ’EA’ F24BC C 2EA2A’ B’ @2’ GP’E E23’ LG’ BE3 ’E E2 ’ I @B

6 ' ' /' ' /

2F24 2A' ''3 ' K2'B ' @2' *BBA' @2N@2FA' E' @2' BFKC'B ' BE3 'E EBN 2' @2' 3KL 24 'A A' EB ' L24BC 2' NBNK 'F' 'CBE1' @2C0' @2G'322C ' ' ' 2'3 ' B'@'H2' '4 G' 'L'EABE2A' ' B' BC 2!J% 5' $5 7' % # $' # H' @2' *BBA' @2N@2FA'322C3' B'@'H2'L22E'SK 2' @2' 'HBKF 2'3KL 24 !' 2' 4'EEB ' 1B' @FBK1@' 'EG' N'F ' B ' @2' ' '4BCL3 ' BF' KFE' AF4F' 'EG' 4B 24 BE' B ' 'E4 2E ' @F3 'E' CBEKC2E 3 ' I @BK ' 4BC E1' '4FB33' ' '1' E' 'EA' '1' E!' 2' OEBI ' FBC' 2F K 'E' @' ' ' I '3'B 2E' A23 1E2A' KNBE' 4@' 423!' 2' EA' ' BKF32 H23'N ' E 2A' E' F234B' KNBE' @2' FBB 3' 'EA' I ' 3' B ' @2' 32NK 4@F' ' 4@' CL2F30' FKA2 G' 34F' 4@2A' KNBE' 1F'H2T 3 BE23 ' BF' CBF2' 4'F2 K G' 34K N KF2A' BE' 3 'F4BN@'1 0' F'42A' E' 1B A' KNBE' 1 '33 ' CBK A2A' BE' 'CN3 ' 2E1F'H2A' BE' F E130' 'EA ' E' '' IBFA ' F2NF232E 2A' BE' 2H2FG' 3N24 23' B ' @F3 'E' CBEKC2E ' @' ' @'3' 4BC 2' ABIE' B'K3!' '4BKF32 ' 'C A' 3K4@' '' CK KA2' B ' 2M' CN 23 ' @2F2' 3' 4BE3 A2F'L 2'H'F 2 G' B ' F2' C2E !' 2'4'EEB '@B I 2H2F' 'NNF24 ' 2' @2' 3K1123 BE' B ' # 1 2F' @' ' @ 3 F2SK2E ' F2N2 BE' B ' @2' 3KL 24 ' 3' NFBL'L G' B' L2' ' F LK 2A' B' @2' 4'N'L 23' I @ 4@' ' NB332332A' E' 'E' 'F 3 4'NB E ' B 'H 2 I !' ' @2F' ' I '3' 32 24 2A' L24 'K32' '2MNF2332A' @2' I @B 2' 3KC' 'EA' 3KL3 'E42' B ' @2' @F3 'E' A 3N2E3' BE!' E' @2' 'E1K '12' 2H2E' B ' @2' A' 2E ' 2E ' @2' '4 BE' B ') H E2' (FBH A2E42' KNBE' @2' IBF A' 3' F2SK2E G' 2MNF2332A' LG' C '123' 'EA' ' 21BF 23' LBFFB I 2A' FBC' N'3 BF' ' 20' *BA' 3' @2' @2N@2FA' 'EA' C2E' 'F2' 3' 3@22N!' K ' E' '' 3 ' CBF2' 3N24 ' ' I 'G' BKF') H E2' 2A22C 2F' B 2F3' C 32 ' B' BKF' =F21'FA3' '3' @2' *BBA' @2N@2FA!' 2' 4'C2' AB E' FBC' 3' 2 2FE' ' @FBE2' E B' @ 3' I A2FE233' B ' @2' IBF A' B' 322O' @2' B3 ' 3@22N' B ' @2' I @B 2' @KC 'E' F'42 ' 'EA' @'H E1' LFBK1@ ' @2C' B12 @2F' E B' BE2' B A' BE' 2'F @ ' @2E42' B' F'E3NBF ' @2C' E B' @2' 2H2 "H2FA 'E ' N ' KF23' B ' ('F'A 32!J% 3 ' ##! $!

@2F' L L 4' ' 3KL 24 3' 'F20% FBC' @2' #$' 607 0' @B32' B ' B'@' B323'U)'E 2' 'EA' UBE'@' L2 E1' @2' BE G' BE23' ' ' ' '4BCCBE !

! @2' ' !' A'C' 'EA' H2' BE'2 F2F' 3 A2'B ' @2' F22'B ' #EBIT 2A12 ' FBKEA' I @ 4@' @2' 32FN2E ' 3' 4B 2A!' BC2 C23 ' E3 2 'A' B ' @ 3 ' B ' ?' KF' 'H BKF' '3' @2' F2NF232E ' H2' B ' @2') 2 G ' 3 'EA3' L2 I 22E' @2C ' 4BEA2CE E1' @2C ' 'EA' B 2F E1' '' 'CL' B' H2' 'EA' ''3@2' 'B '4BC ' B' A'C ' B' 3 1E G' @2' ABBC'B ' @2C32 H23' 'EA' @2 F'NB3 2F G' B' A2 H2' 'EA' B' 3N E' @FBK1@' ' ' K KF2' '123!J 9!' @2' 2F E1' B ' ' E' 'EA' L2 ' @2G'NF232E ' '' 'CL' 'EA' 3@2' B '4BC' B' ''32' 2A' 1KF2' B ' @2' C 1@ G!

) E 7 ' ' /

7!' B '@' E' @2' FO ' F2NF232E 2A' '3' ''LBM% '' ABH2 ' L2 'F E1' 'E' B H2" LF' E4@ ' 23' B I 'FA3' @ C!' E 2FNF2 2A' B' 2MNF233' @2' AB4 F E2' @' ' ? @2' ' @ K '@ 'H E1'BL ' E2A' F2C 33 BE' B ' @2 F' 3 E3' FBK1@' 3 4 'N 3C ' @ 'H2' F242 H2A' FBC' @2' B G' N F ' @2' 1 'B ' U H E2' '42 ' 'EA' 'F2' 3 'H2A' E' @2' C G3 4 ' ' 'FO' B ' @2' 4@KF4@' FBC' @2' A23 FK4 BE' I @ 4@' ' I ' 3' @2' I BF A!J ' 4 3' !' : -!

:!' '4F 42' B ' 3' '4!

\!' ('33 '12' B ' @2' 2A' 2' !

;!' B323' F242 H E1' @2' ' I !

-!' B323' 3 F 0 E1' I ' 2F' FBC' @2' FB4O% H2FG' 4BCCBE !

,!' B323' NB E E1' B' @2' NB 3' B 'C 'EE' !

8!' '@' 1B E1' KN' B' @2' H2E' E' @2' 4@' F B ' B ' F2!

<!' @2' @F22' @ AF2E' E' @2' 2FG' KFE '42' D% H2FG' 4BCCBE' '3' 3GCT LB 4' 'B ' C 'F GFABC!'

!') 'E 2 ' E' @2' BE3(' A2E D% 12E21H G' '' E 'O2A' 1KF2' I @' @ 'EA3 2M 2EA2A ' 'EA' '' BE' BE' 2 @2F' 3 A2D' CB3 ' 4BCCBE% '3' 'E' 2E4BKF' 12C2E ' B' @F 3 'E' 3K 2F2F3!

' 9! UBE '@' 3 I ' B I 2A' KN' LG' @2' I @ ' 2 ' F2NF232E 2A' '3' ''3 F' E12' O EA' B '32' '@BF32!' ' =

" UBE '@' A 31BF12A' LG' @2' I @ ' 2!

:! UBE '@' KEA2F' @2' 1BKFAD' BF' '44BFA E1' B' @2' K 1 ' 2 ' KEA2F' @2' HG!

" UBE '@' 'C2E E1' BF' @2' A2' @' B ' @2' 1BKFA!

@232' BKF' 3KL 24 3' FBC' @2' 3 BFG' B 'UBE '@' 'F2' 4BE3 'E G' F2T N2' 2A ' N2F@ 'N3' '3' 2E4BKF' 12C2E ' B' @2' @F 3 'E3' 3K 2F E1' FBC' @2' I 4O2AE233' B ' BC 2% @2' C BA2C' E2H2@ ' I @ 4@' @2G' I 2F2' B' I 'FE' 'EA' NF 'G' BF!

KL 24 3' FBC' @2' Y' 607 0 'F2' 0

!' @2' ' H G% @2' BM' 'EA' @2' '33' OE22 E1!

9!' @2' ABF' BE' B ' @2' '1 % F2N2 ' 2A G' N '42A' E' KM 'NB3 BE I @' @2' 3 BFG' B ' @2' @F22' @ AF2E!'

D!' KF' 'H BKF' KFE E1' I ' 2F' E B' I E2!

KF' 'H BKF' 4BEH2F3 E1' I ' @2' I BC 'E' B ' 'C 'F '!

KF' 'H BKF' @2' E1' @2' N 'F' G 4' C 'E% I @B' 'O23' KN' @ 3' L2A!' @ 3' 3' H2FG' 4BCCBE!

KF' 'H BKF' @2' E1' @2' I BC 'E' I @' @2' 33K2' B 'L BBA!

KF' 'H B CK N G E1' @2' B 'H23' 'EA' 3@23!

KF' 'H BKF' @2' E1' @2' A 'K 2F' B ' @2' I BC 'E' B ' 'E' 'E!

' BC'' B 2FF'F 2' 'N!' 9:9

< ' KF' 'H BKF'@2' E1' @2'L EA'C'E!

<! @2' F' 3 E1' B ' 'P'FK3' I@B' 'NN2'F3' ' ' '' ABBF' E' @ 3' 1F'H2"
4 B @23' I@ 2' @F 3 'I @' '' I 'EA' 3 'EA3'L2 BF2' !' @ 3' 3' @2'
2 I ' 23 'C2E ' 3KL 24 ' B 2E23 ' E FBAK42A!' ' 3 E3 'E G'
N '42A' E' KM '"NB3 BE' I @! '' N 4 KF2' B ' B323' 3 F O E1' @2'
FB4O!' ?' @232' I B' 3KL 24 3' C 'G' L2' E 2EA2A' B' F2NF232E ' @2'
L21 EE E1' 'EA' 2EA' B ' @2' 4@F 3 'E' 4BKF32 ' / @2' BKE ' E' B '
I ' 2F' 3NF E1 E1'KN' B' 2' 2H2F '3 E1!() * BA()3' 1F' 42' 'EA' @2' 1 '
B ' ' @' L2 E1' GN 2A' LG' @2' I()' 2F' B I E1' FBC' @2' FB4O '
/ I @ 4@' I '3' @F 3 () 'EA' 2' 2H2F '3 E1'LG' @2' H 4 BFG'BH2F'A2' @'
'EA' @2' 324BEA' 2' HBK4@3' 2A' B' 'P'FK3!'J'

! KF' 'H BKF()3' F KCN@' ' 2E FG' E B'U2FK3' 2C!

9! KF' 'H BKF'1 H E1 @2'O2G3' B' (2 2F% H2FG' F'F2!

7! KF' 'H BKF'NF2A 4 E1' @2'A2E ' 'B ' (2 2F!

:! @2'A2E ' 'B ' (2 2F!' =

\! KF' 'H BKF'L2 BF2' (' 2!

;! ! ' (2 2F' 'O2E' B'NF 3BE!

@232' '3 ' 3 M' 3KL 24 3' 'F2' BE G' F2NF232E 2A' BE' BCL3!'g

@2' 4 '33' B ' N' E E13' 3@B I E' '3' 08 % 7#'F2' 233' A2 T E 2' @'E' @232!' E' @2' ' '4BCL3' B ' ' M K3' 32H2F' ' BL34KF2' N' E E13' 'F2' 3@B I E' E' 4KL 4K '' 'E 2F BF' B' @2' C AA 2' B ' @2' @ FA' 42E KFG ' I @ 4@' 'F2' 3' A' B' @'H2' F2 2T F2E42' B' @2' 3'4F'C2E ' B ' L'N 3C!' ' (4 KF23 ' B ' @2' N'F' G 4' 4'FFG E1' @ 3' L2A' 'F2' A2E 2A' LG' 3BC2' BC'E' ' @B 4' 'K @BF 23' I @' @2' 3'4F'C2E ' B ' N2E'E42!' X' B3 B' L2 2H2A' @' ' E' @2' 4' '4BCL' B ' '!' (F 34 '' @2' @'A' BKEA' N' E E13' I 4@' K3 F' 2A' @2' 3'4F'C2E ' B ' BFT A E' BE!' 2NF232E ' BE3' KEABKL 2A G' 2M 3 ' I @ 4@' K3T F' 2' @2' 7%79 ' BF' BH2" 2'3 ' B ' @2' NF C H2' 4@KF4@!

E' @2' BNNB3 2' 3 A2' B ' @2' ' ' NN '' FBC' !' ' M K3' 12E2F' G' 2E 2F2A' FBC' @2' FB'A' 2'A E1' B' !' $FL'EB ' 3' @2' 707 I' ' 0 ' ! 0 F07086 ' E 2F23 E1' '3' L2 E1' @2' OEB I E' LKF ' ' N '42' B ' 32H2F' ' C 'F GF3!' ' 'F12' 4 GN ' I '3

' BC'' B 2FF'E2' ' N! 9:-!
BFA' EA3'G()3 @F 3 'E F ! :;!

' ' /

A 34BH2F2A' @2F2' E' , \ - ' LK ' I @' 3B A' C 'BEFG' 'EA' E2A' I @' * F22O' C 'FL 2!

?' @2' FOC 'E3@ N' NB E 3' B' 2 F G'A' 2 ' 'EA' 3N24 C2E3' B 'N'1'E' 'F4@ 24 KF2' E' @2' 3 ' C 2' E2 1@LBKF@BBA' 2E' L 2' K3' B' M' @2' C AA 2' B ' @2' ' 2F' @ ' 'B ' @2' 324BEA' 42E KFG' % & ' -\ ' '3' ' H2FG' NFBL' L 2' A' 2' BF' 3' 2F24 BE!' @2' 4 3' B ' @2' ' E 3' 2MN ' E' B' K3' I @G' ' I '3' LK ' I @' LF 4O3 ' 'EA' EB ' @2 I E' BK ' B ' @2' FB4O% H P!' L24 'K32' @2' @F 3 'E' I @B' C 'A2' ' '!' 'FC 2E ' '@ ' A' 4 'K32A' ' B' L2' 2M4 'H ' 2A' C C 2A ' 2 G' L2 B I ' @2F' B I E' @BK32' D' 'EA' EB I ' @' ' I 2' 322' ' I 2' KEA2F3 'EA' @2' NF24 32' C 2' E E1' B ' @2' I BFA3' K32A' LG' @2' E2F' F 23' A234F L E1' % H P!' /' '' 'F12' 4 'H2FE ' C B3 ' FC G' LK !'(' @2' H' K ' B ' @2' 4@' N2 ' 3' CB3 ' 2 'LBF' 2 G' N' E 2A ' E' ''3 G 2' LG' EB' C 2' E3' E 2F BF' B' @2' L23 ' 4 '33 4 ' 'NFBAK4 BE3' B ' @2' '12!' ' 3' A H A2A' E B' BKF' L 'EA3' B ' I F2' @3 ' BE2' B ' FB323 ' 'EB @2F' B '4BFE"3@2' H23 ' '' @ FA' B ' H E2" 2R H23' 'EA' 1F' N23' 'EA' E' ' ' @232 ' L FA3' 'F2' E FBAK42A' H 3 E1' @2 F' GBKE1' E' E23 3 ' 'EA' @2' '3 ' BF' @ 1@23 ' B ' 2' H23' B ' 'KF2 ' BF' @2' L 'G" F22!' '4BKF32' @232' 32H2F ' G' F2NF232E ' @2' 32 ' 3BE3' B '3NF E1 ' 3K C C 2F ' 'K KC E ' 'EA' I E 2F!' @2' '3 ' 3' '' I 2 "OEB I E' 1KF2' BF' 3G C LB ' B ' A2 ' @' D' 'EA' NFA ' G' @2' 'KF2 ' '3' @2' BO2E' B ' H 4 BFG ' I '3' E 2EA2A' B' F2NF232E ' @2' E2 I ' 'EA' @F 3 'E' A2 ' ' B ' @2' 2H2F ' 3 E1' F2 I 'FA' B ' '' L 2332A' C C BF ' G!' 2 B I' @232' L 'EA3' 3' 'EB @2F' LBFA2F ' C BF2' EA 3 E4 ' E' I @ 4@' F2 ' N2F3' 'F2' 1 ' @2F E1' E' @2' 4BC' D' 'EA' ' ' @2' L ' 4O' B ' @2' 'F4@' 3' '' E F' ' 342E2 ' B ' I @ 4@' @2' 42E F' ' 1KF2' 3' @2' * BBA' @2N@2FA' 4 'FFG E1' '' 3@22N' KNBE' @ 3' 3@BK A2F3!' @ 3 ' @B I 2H 2F' @ ' 3' L22E A23 FBG2A' LG' 1F' H23' N 2F42A' @FBK1@' @2' I ' ' 'EA' @2' FB4O' L2@ EA' ' FBC' @2' 2 ' 12F' A23 F2' B' LKFG' @2' A2 ' A' B ' '' ' 2F' 12E2F' BE' '3' E2 ' F' '3' NB33 L 2' B' @2' BC L3' B ' @2' C 'F GF3!' 3') 2' B33 ' NFB422A2A' B' 2M' C E2' @232' 1F' H23' E' A2 ' ' @2' 4BK A' @ ' FA G' L2 2H2' @ 3' 2G23' I @2E' @2' F2 ' A' 'FBKEA' @2' 2A12' B ' BE2' B ' @2C' @232' I BFA3' 'EA' F' 1C 2E 3' B ' I BFA3' 0% ' !,# ! ' 4 $1 1 ' & # ' ')!" - 3' /U' EK' F K3 ' 1' N2 K3 ' 2 4 33 C K3 ' C 'F GF3 ' F2 F23@ @2' 3BK ' B ' !' !' !' !(' @2' I BFA3' @ ' A' L22E' 34F' 4@2A' KNBE' @2 C BF 'F' I @ 2' ' I ' 3' G2 ' F23@ ' 22 c' 42E KF 23' ' 1B ' ' 3' @2' NF' G2F' B '3B C 2' L2F2 ' H2A' F2 ' H2' BF' @2' 3BK ' B '@ C ' I @BC' @2G' I 2F2' LKFG E1' @2F2 ' 'EA' EB I ' @2G' F2H2 ' 2A' B' @2' 'E SK 'F 'E' B ' @2' E E2 22E @' 42E KFG' @2' 324F2 ' @2' I ' 3' E' SK23 ' B % H P!' @2' N ' 42' B ' LKF ' ' B ' @2' 3 ' E 3' I @B32' ' A' 3' @2F2' EHBO24 D' BF' @2' EKC 2FBK3' 2M ' C N 23' B' L2' 322E' E' B @2F' 42C 2 2F 23' I 'FF' E ' K3' E' 4BE4 KA E1' @' ' @2' LBA 23' B ' @2' 3 ' E 3 ' B' I @B32' E 2F4233 BE' @2' 3BK ' B ' @2' A242 '32A' 3' @2F2' F24BC C 2EA2A ' I 2F2' ' ' @2' C2' B '@ 3' LKF ' ' G E1' ' ' EB' 1F2 ' ' A 3 ' E42!J% 3 ' ##! $! .

')' ') / =

@2' !' U'EK'F K3' LKF 2A' @2F2' I '3' @2' N A23 ' B ' @2' 32H2E' 3BE3' B ' ' 2 4 '3 ' C 'F GF2A' UK G' B ' &' ;9!' !' 1'N K3' 'EA' !' 2 4 33 EC3' I 2F2' A2 '4BE3' B ' (B D!' M K3' ' I@B' I 2F2' C 'F GF2A' B12 @2F' I @' @ C' 'EA' !' (F2 2M"' ' K3 ' E' @ 3' H2FG' 4 ' '4BCL ' L24 'K32' M K3' !' ?'@ 'A' 32 ' ' 'EBK1@ ' @2' 4BC C 'EA3' B ' @2' CN2FBF' ' 2F 'E!J"' ' CK ' 2A' E34F N BE' B ' !') 'C '3K3 ' E' @2' ' '4BCL' B ' ' M K3 ' E2 'F' @2' BCL' B ' BFE2 K3 ' @K3' F24BFA3' @2' A2' @' B ' @ 3' NBN2!

?' 2C NBF2' SK 1 'A K3' 324K 'N ''H 3KF'' ' F 3' 2' NB3 K3' F24 BF' 432 23 '' K33 ''AB42L 'C D AH2E KE '3KL B 'F 'N C 'SK ' BF 2' 32A2E 2C 'D LK3' C 33 3 ' NBNK ' KE4' 4B ''A2A2F2! BM' 3 L ' 4B1EBH ' 32E BF' SK 3' B 2F2' H2 2 ' (' C '32SK2' 3KKC SK2' 4 'NK ' NF BF' BL K ' N32 CN' 2 ' 2F '3' NB332 'E2' CA2F2' SK2C SK' C! 3 2EA ' @F 3 K3' F2AA 'SK 'NFC C ''H 32' ('3 BF 3' C 2F KC ' EKC 2FKC ' 1F21 3' N32' K2 KF!J

?' ' @2' C2' I @2E' @2' 3 I BFA' N 2F42A' @2' @2 'F ' B ' BKF' B @2F' @KF4@ ' ' 3' FK 2F ' LKF 2A' @2F2 ' I '3' 2 '4@ E1' @2' @ E13' B '@2 'H2E!' KAA2E G' @2G '4 ' C 2 ' @2G'32 P2A' C 2' 32 ' 2A' '3' ' Z 3 'D% @2' 3B 2F3' L2 E1' 32E ' E' @2' N2BN 2' 1 'H2' @2 F' E24O3' B' @2' 3 'K1@ 2F !' ' BBE' @2' B A' C 'E' 3 ' I ' I @B' I ' 3' I E1' B' L2 'F' ' I 'G' @2' N ' C ' FBC ' @ C 32 ' 'EA' I ' 3' @2' F3 ' B' B 2F' @ C 32 ' 'EA' @ 3' B I E' @2 ' A ' 2 ' F E1' 23 ' @2' L B I ' 3@BK A' ' 'BE' ' EG' BE2' 2 32!' @F 3 ' I @B' ' I ' FA3' @2' F2 I ' FA3' B ' 2' F24B1E 323' @2' C 2F ' B ' @2' N ' 3 BF' ' @ C 32 ' 3' NF232FH E1' @2' EKC L2F' B ' @ 3' B4O!J

E' 'A B E E1' 4FGN ' 4BE3 A2F2A' B' A' 2' FBC' &' 7<' 3' L2 2H2A' B' L2' @2' LKF ' "N '42' B ' !' >K F EK3!

LBH2' @ 3' 4 ' '4BCL' 'F2' FK E3' B ' I B' L ' 3 4 ' 3 ' 2F24 2A' E' @BEBKF' B ' !' `2EBD' 'EA' B ' LKF K3 ' ' 2F 'E ' 'EA' 'M CK3 ' 4BCN 'E BE3' B ' '!' '24 '' E' C 'F GFABC!

ß L'E' K 2F 'H !' :,! ' L!' (BE!

A(‘ 9‘ /

E‘ @2‘FB'A! 2'A E1‘ B‘ !‘ $FL'EB‘ 3‘ @2‘2E F'E42‘ B‘ @2‘ Y 6@‘ 707 I‘ ‘ 3‘2E 2F2A‘LG‘ ’‘ 4@'CL2F‘ BN2E‘ B‘ @2‘ 3OG‘ B' 2A‘ IO@‘ L '4O‘ 'EA‘ I@ 2‘ CB3' 4‘ I@ 4@‘ 3‘ 3KNT NB32A‘ B‘ @'H2‘ BFC2A‘ N'F‘ B‘ ’‘ N'1'E‘ AI2 E1!‘ @2‘ B BI E1‘ 4@'CL2F‘ @'3‘ F2C'E3‘ B‘ ’‘ I2 !‘ 2E42‘ ’‘ BI‘ ABBF‘ BFC3‘ @2‘2E F'E42‘ B‘ ’‘ 1' 2FG‘BK‘ B‘ I@ 4@‘ BN2E‘ 3 M‘ 4KL 4K ’‘ BE2‘ B‘ @2C‘ 4BE ' E E1‘ ’‘ E2‘ I@ 2‘ C'FL 2‘ 3'FT 4BN@'1K3‘ 'EA‘ A24BF‘ 2A‘ I @‘ ’‘ N' E E1‘ B‘ @2‘ 32H2E‘“ LF'E4@2A‘ 4'EA 23 4O‘ ‘ 3 A2‘ N'33'12‘ 2'A3‘ B‘ B @2F‘ 4KL T 4K ’‘ 'EA‘ B‘ 'E‘ BN2E‘ 3N'42‘ I@ 4@‘ 322C3‘ B‘ @'H2‘ L22E‘ 'E‘ '4 K'‘ 'F2E'F KC!‘ ‘ I EA E1‘ N'33'12‘ ’‘ @2‘ 2EA‘ B‘ @2‘ 'F12F‘ 1' 2FG‘ 2'A3‘ B‘ @2‘ 1F'H23‘ &‘ @2‘ BBF‘ A H A2A‘ E B‘ A 2F2E‘ 42 3‘ BF‘ 4BFN323‘ 'EA‘ 4' 2A‘ ‘ LG‘ 'LL E 4'‘ IF 2F3!‘ ‘ 4KL 4K KC‘ ’‘ @2‘ 2EA‘ B‘ @2‘ 4' '4BCL‘ @'3‘ N' E E13‘ B‘ 1KF23% (2E G‘ I @‘ ’‘ 4BC+4BN 'D‘ 4 BFG‘ I @‘ ’‘ N' C‘ 2' ‘ &4!‘ @2‘ E34F N BE3‘ BKEA‘ 3@B I‘ @' ‘ @ 3‘ 42C2 2FG‘ I '3‘ 2M4 K3 H2 G‘U2 I 3 c!‘ @2G‘F2 2F‘ B‘ B 42F3‘ B‘ @2‘ 3GE'1B1K2‘ FK 2F3‘ ,79F 5 6K‘ 'EA‘ 34F L23‘ GN'W W' 4 ‘ &4!‘ @2‘ E34F N BE3‘ 'F2‘ E‘ 1F2'‘ N'F‘ E‘ *F22O‘ 2 2F3‘ 2MNF233 E1‘ ' E‘ I A A3!

EB @2F‘ 3C'‘ U2 I 3@‘ 4' '4BCL‘ @'3‘ L22E‘ A 34BH2F2A‘ L2@ EA‘ @2‘L'3 4’‘B‘ !‘ 2L'3 'E!‘ 2@ EA‘ @2‘ ' '4BCL‘ B‘ !‘ ' M K3‘ BE‘ @2‘ F 1@‘ B‘ @2‘ ’‘ FA2' E'‘ 3‘ @2‘ 707 I‘ ‘ ‘ ‘ $‘ @ ## ‘ B32‘ B‘ 3‘ 2E F'E42‘ 3‘ @2‘ 'FC‘ B‘ ‘ 7 7 7‘ I@2F2‘ 'F2‘ 3BC2‘FK E3‘ L2 2H2A‘ B‘ L2‘F2C'E3‘B‘ @2‘H ’‘ B[‘ 'H ’‘)BC '!‘ @ 3‘ 42 2T LF' 2A‘ C2CL2F‘B‘ @2‘ 2'F G‘ @F 3 'E‘ @KF4@‘ I '3‘A'K1@ 2F‘ B‘ @2‘ 'H ’‘)BC ’‘ I@B‘ I '3‘ 3 3 2F‘ B‘ @2‘ CN2FBF‘)BC 'E % 'EA+I 2‘B‘ K3‘ 'H K3‘ 2C2E3‘ 3BE‘ B‘ @2‘ K3‘ 'H K3‘ 'L EK3‘ I@B‘ 6 '3‘ LFB @2F‘ B‘ @2‘ CN2FBF‘ 23N'3 'E!‘ 2F‘ IB‘ 3BE3‘ I2F2‘ 23N'3 'E‘ UKE BF‘ 'EA

)BC 'E' UKE BF' I@B' I2F2' E 2EA2A' B' 3K4422A' B' @2'
@FBE2' 'EA' B' I@BC' >K E4 'E' I '3' 'NNB E 2A' '3' K BF' LG'
@2' 2CN2FBF!') BE' '33 K3' E 'FF' 23' @' ' ?' UBC AE' NK ' B'
A2' @' 32H2F' ' N2F3BE3' 'EA' 'CBE13' @2C' 'H K3' 2C2E3'
@2' 4BE3K ' ' @BK1@' @2' I '3' @ 3' E2N@2I ' 'EA' ' @BK1@' @2'
@'A' 'H '')BCF '' BF' @ 3' I 2' I@B' I '3' ' 3B' F2 ' 2A' B'
@2' 2CN2FBF!' @2G' I2F2' LB @' '44K32A' B ' ' @2 3C ' BE'
I@ 4@' 4@'F12' C'EG' B @2F3' ' 3B' @'A' L22E' 4BEA2CE2A '
1B E1' ' 2F' @2' C'EE2F3' 'EA' 4K3 BC3' B ' @2' U2 I 3D' 'EA'
3BC2' B ' @2C' I2F2' K ' B' A2' @' 'EA' B @2F3' @'A' @2 F' 1BBA3'
4BE 34' 2A' D LK ')BC '' I '3' BE G' L'E 3@2A' B' ('EA' '"
F '!J ' @ 3' 'H '')BC '' 3' F2SK2E G' 4BE K32A' I @'@2F'
E 242' B ' @2' 3'C2' E'C2 ' I@B32' L'E 3@C2E ' 3' C2E BE2A'
LG' K32L K3 ' I@2E' @2' 3'G3 0% ?' @2' 2'4@ E1' B ' BKF' ' @'
@'A' LG' @ 3' FAL' 3@BE2' 3B' 'F6'EA' I A2 ' @' ' 2H2E' N'1'E'
@ 3 BF 'E3' A A' EB ' F2 K32' B' E32F ' E' @2 F' E'FF' H23' 3BC2'
'44BKE ' B ' @2' N2F324 BE' 'EA' @2' C'F GFABC3' @' ' I2F2'
3K 2F2A' E' ! BC2' BB ' @'H2' C'FO2A' @2' C2' '44KT
F' 2 G ' C2E BE E1' 'CBE13' C'EG' B @2F3' E' @2' 22E @'
G2'F' B ')BC 'E' % & ' 8- ' 'H '')BC ' ' @2' A'K1@ 2F'
B ' '' 3 3 2F' B ' 'H K3' 2C2E3' BE2' B ' @2' BC 'E' 4BE3K 3'
B ' @B32' A'G3 ' I@B ' BF' @2F' 23 CBEG' BF' @F 3 ' I '3'
NKE 3@2A' LG' 2M 2' ' @2' 3 'EA' B ' (BE '!J' ' I '3' @ 3'
GBKE12F')BC '' I@B' I '3' '44BCN'E 2A' E' @2F' 2M 2' LG'
@2F' IB' @F 3 'E' 32FH'E 3 ' 2F2K3' 'EA' 4@ 23D I@B32'
L'E 3@C2E ' 3' 3NBO2E' B ' LG !' U2FBC2' '3' ? '' 2" BE1'
C'F GFABC J% I@B32' 42 ' I '3' ' 2F I 'FA3' H 3 2A' LG' '!'
('K ' ' ' 'EA' I@B ' '44BFA E1' B' @2' 4 3' B ' !' 2F2K3' 'EA'
4@ 23 ' I '3' LFBK1@ ' L '4O' B' @2' C ' E SA' B' L2' LKFE

' BI' 'E '' 'F ' ' 'E' 3 'EA' E2 'F' * ' 2 '! ' L'E' K 2F' H!' 9<\!
U L'E' K 2F' H!' 9<3

' H2 ' ' 2FF'4 E' ' L24'K32 3@2 F2 K32A B 3'4F 42 B AB 3! @2 F2 43 B) BC ' ' I @ @B32 B ' @2F 32FH'E 3 ' I2F2 NF232F ' E ' @2 4' '4BCL KEA2F @2 H '' I @ 4@ @'A L2 BE12A B@2F @F 3 'E 'KE !

242 H E1 '3 2H A2E42 @2 3 BFG B ' '!) BC ' ' @3 4' '4BCL CK3 ' L2 BB02A KNBE '3 @2 B A23 ' @F 3 'E 42C2 2FG E 2M 3 2E42! 3 1' 2F 23 I2F2 I A2E2A 'EA 3 F2E1 @2E2A LG UB@E ! \97"\9; ! ' 4@'CL2F E2'F @2 2E F'E42 3 NB E 2A BK ' '3 @2 LKF ' "N '42c B ' '! (2"" FBE '!

? @2' 32NK 4@F2' B ' !' 2F2K3' 'EA'R 4@ 23' I '3' E' ' ' NFBL'L G' E' @' '4@'N2 ' B' I @ 4@' I 2' A2342EA' LG'3B' C '1E 42E ' '' 3 ' F4'32 ' 'EA' I @ 4@' 3' KC E' 2A' LG'3B' E2' ''% 3 $!K BF' @' ' @ 3' 3' @2' 42E F' ' NB E 'B ' ' F'4 BE' E' @2'42C2 2FG' 3'4 2 'F ' LB @' FBC' @2' 3 ' F4'32 ' 'EA' @2' KC E 'F2' K3 ' C2E BE2A ' '3' ' 3B' FBC' @2 1F 2F' I A @' B ' @2' 'AT '42E '1' 2F 23' 'EA' B @2F' 3 C 'F' BO2E3!'J' 2F2' @2E' ! * F21BFG' @2' * F2' ' A2 H2F2A' @ 3' I 2E G"2 1@ @' @BC G ' I @ 4@' 'FBE K3' 2FFBE2BK3 G' 3KNNB323' B' @ ' H2' L22E' A2 H2F2A' E' @2' @KF4@' B ' ! 2F2B' 2A' 4@ 2B ' B' I @ 4@' @2' LBA 23' B ' @2' 3' E 3' I 2F2' EB ' G2 ' F2C BH2A ' E' I @ 4@' @2' 3'G3% ? @232' 3' E 3 ' L2 BF2' I @B32' BCL' I 2' 'F2' '332CL 2A ' A23N 32A' @2' I BF A' ^ EA' F' CN 2A ' 'KEA2F' @2 F' 22 ' I @2E' N2 ' 42 ' N 2E G ' F 4@23' 'EA' @2 ' @' 1 ' H2' ' 4@'FC 3!'J

H ' @2F2' 3' '' @ 1@2F' 'EA' C BF2' 'E4 2E ' ' $.' E' I @ 4@' 4B E3 'EA' C 2A ' 3' B ' @2' F3 ' I B' 42E KF 23 ' 'EA' E34F N BE3' B '1F2 ' 'H ' K2' @ 'H2' / L22E' F242E G' A 34BH2F2A!' BC 2' B ' @232' E34F N BE3' C 'G' 3 ' L2' 322E' E' BE2' B ' @2' 4@' CL2F3' E2' F' @2' LB BC' B ' 2' 3 ' F4'32' @2G' 'F2' LB @' ' E' 'EA' * F22O' 3BC 2 C23' LB @' 'E1K '123' 'F2' C M2A' 'EA' E' BE2' BF' I B' E3 'E423' ' E' I BFA3' 'F2' I F 2E' E' * F22O' 4@ 'F' 4 2F3!' 'EG' B ' @232' C BEK C 2E 3' 'F2' B ' @2' A22N ' C NBF 'E42' LB @' E' 'E' 'E SK 'F 'E' 'EA' F2 1 BK3' NB E ' B 'H 2 I ' E' 'F4@C B B1G ' '3' 3@B I E1' @2' NF' 4 42' B ' NF H ' 2' @F 3 'E3' E' @2' F3 ' '123' B' C ' O2' @2' 3KL 2FF' E2' E' 4@ ' CL2F3' ' ' @2 F' B I E' 2MN2E32' 'EA' BF' @2 F'B I E' K32 ' !' & % / ! KF2 K3' 23 K K3' C 'A2' @ 3' 3KL 2FF' '2' E' BF' @ C 32 ' 'EA' @B32' B ' @ 3' ' C G' I @B' L2 2H2A' E' @2' BFA (% I@2F2' LB @' @2' F N 2' E ' C 23' 'EA' @2' C ' BE' E FBT AK42A' ' ' @2' 2EA' I @ 4@' 3@B I 3'= @ ' ' C ' EG' B ' @ 3' 'C G' I 2F2' 3

N'1'E ' 'F2' KESK23 BE'L G' NFBB 3' B 'H2FG'@ 1@' 'E SK G >(#%- # '
3 $ # - 3 .' N!' <7' &4!

CBE1' @2' CB3 ' F2C 'F0'L 2' N' E E13' E' @ 4' '4BCL'
'F2' FN@2K3' I @' @ 3' GF2 ' 3KFFBKEA2A' LG' L FA3' 'EA' L2'3 3'
I@B' 'F2' 4@'FC2A' I @' @ 3' CK3 4D' '@' '342EA E1' B'
@2'H2E' E' ' 4@'F B ' AF' I E' LG' BKF' @BF323' D' 'EA' @2' NBF F' '
B ' KF' BFA!

? @2' @2'A' 'EA' LK3 ' B ' BKF' BFA' BFC' '' C 2A' BE ' B44KNG E1' @2'
42E F2' B ' @2'FBB ' E' @^' 3' C 2' -1 -1"13' I @2F2' FN@2K3' 3' F2NF232E 2A!'
@ 3' N' E E1' E' 4BE32SK2E42' B ' @2' A234F N BE' 1 H2E' B ' 'LG' # 1 2F'
I@B' C 3E' C 2A' @2' 4' '4BC ' !' ' M K3 ' 3' B 2E' 2 '12F G' 3BK1@ ' ' 2F'
LG' 3 F'E12F3' H 3 E1' @2' 4' '4BC L3!' ' 3' BE G' K3 ' @B I 2H2F ' B' 'AA '
@' ' @2G' 'F2' 12E2F' G' A 3 'NNB E 2A!' # 1 2F' 3KNNB32A' ' B' L2' @2'
B A23 ' NBF F' ' B ' KF' 2332A' 'H BKF' E' 2M 3 2E42 ' LK ' I 2' ABKL ' '
@2F2' 3' 3K 4 2E ' 33 @BF G' BF' 3K4@' '' 3 ' 2C 2E !' 2' A234F L23' ' E'
@232' I BFA3' 0% /' @2' '42' 3' BH' ' I @' '' 3 F' 1@ ' EB32 ' 'F4@2A' 2G2LFB I 3 '
'' 3C BB @' 'EA' F' @2F' @ 1@' BF2@2'A ' @2' 2MNF233 BE' 32F BK3' 'EA' C AD'
@2'@' F ' N ' F 2A' BE' @2' BF2@2'A ' B I 3' E' BE1' 4KF 3' AB I E' @2' 3@BK A2F3' D'
@2' L2 'FA' 3' EB ' @ 4O ' LK ' 3@BF ' ' EA' A H A2AD' @2' '12' L2 I 22E' @ F G'
'EA' BF G!(' K ' @ 3' A234F N BE' 3' BB' C EK 2' 'EA' NF24 32 ' BB' 'F 3 4 '
BF' @2' BF 1 E' ' '3' ' 3' EB I ' B' @2' 322E!' U H2 G' C '1 +' BE' C 'G '
N2F@ ' N3 ' 3KNN G' @2' A2 ' 3' A234F L2A'L G' BKF' 'K @BF ' LK ' @2' 2G2' 42F ' E G'
' 3' B'A 3 E1K 3@' @2C >(3 ' # $! .' N!' 9\7!

NNFB '4@2A' LG' '' 3 'F' 2' 2E F'E42' BE' @2' 3 BN2' B ' @2'
@ "3 A2' 3' '' 32NK 4@F' ' 4@' CL2F' I @ 4@') 2' B33 ' 4BE3 A2F3'
B' @' H2' L22E' @2' : 8 7#(9#7 ' ' 07 ' & 0 ##7

?' ' 3' 42F ' E G' BE2' B ' @2' CB3 ' 'E4 2E ' 'EA' F2C 'FO'L 2' @F 3 'E'
CBEKC2E 3' G2 ' A 34BH2F2A!' 3' NB3 BE ' 4 B32' B' @2' @ 1@ I 'GD' 3'
FBE 'B ' E2' LF 4O I BFO ' I @' ''4BC 42' B ' 2FF' '4B ' ' @' @2' K3K' ' 3N' 42'
BF' 'E' E34F N BE' I @ 4@' @' 3' EB I ' ' '3 ' N2F 3@2A ' D' @2' 3N' 4 BK3E233' B '
3' 1' 2FG ' I @' 3' BKF' BF' H2' 3 'F' 2' E 4@23' NF2N' F2A' BF' '3' C 'EG'
3' 4BN@ ' 1 D' @2' E2' 3 K44B' BE' @2' I ' D' @2' 2C E2E G' 4 '33 4 ' ' 4@ '"

F'4 2F'B ' 3'A24BF' BE3'Ø ' ' @232' @E13'C'O2' 'N2F 24 G'4 2'F' @' ' ' I'3' @2' CBEKC2E ' B ' '' @F3 'E' 'C G' B ' A 3 E4 BE ' 2M4'H' 2A' ' ' 1F2' '44 ' 'EA' I @BK ' @2' 3 1@ 23 ' ' 2CN ' ' '4BEN2' C2E !' E'N'33T E1' FBC' @2' H23 LK 2' E B' @2' 4' '4BCL ' I 2' F24B1E 32' @2' F'E3 BE' FBC' @2'K32' B ' @2' 3'F4BN@'1K3' B' @' 'B ' @2' 4BCCBE'" -1"1 Ḱ BF' @2' F3 ' I B'BF' @F22'1F'H23'BE'2 @2F'3 A2 ' @BK1@'F2 ' G'C2F2'3@2 H23' E' @2' I ' ' 'F2'3B' A 31K 32A'LG'N ' E E1'BE' @2'BK 3 A2' '3' B'NF232E ' B'N'332F3"' LG' @2'4BCN 2 2' BK I 'FA' 'NN2'F'E42' B ' '' 3'F4BN@'1K3!' BC2' 2I'B ' @232'1F'H23' 'F2' C 'FO2A' I @' @2'E'C23'B ' @2'A2'A' I F 2E' E'L '4O'BE' @2' 'F123 ' 23' 'EA' @2' E34F N BE3'BE' @2' B @2F' 1F'H23' 'F2' ' 'B ' @2' 3 CN 23 ' 'EA' B A23 ' BFC!' '3 G ' @2' I@B 2' B ' @2'H'K 2A' FBB ' 3' 4BH2F2A' I @' @2' CB3 '2MSK 3 2 G'1F'42 K ' A23 1E3 ' B 'LF'E4@23'B ' @2' H E2' I @' L FA3' 'EA' I E12A' 12E ' 'CBE1' @+C ' F' E1' I @' ' ' @2' F22ABC'B 'E' KF2'BH2F' @2' I@B 2' I ' 3 ' EB ' 2'F E1' 'EG' E 2FFKN BE'LG' 1F'H23 ' EBF' 4BE E2A' LG' 'EG' B ' @B32' E23' B ' 12BC2 F 4 ' ' 3GCC2 FG' I@ 4@'4@'F'4 2F 32'3 C 'F'NFBAK4 BE3' E' @2'E2M '42E KFG!' F'423' ' 3B' B ' 'EA34'N23' C 'G'L2'322E' @2F2' 'EA' @2F2 ' I@ 4@' 'F2' B ' F'F2' B44KFF2E42' E' @2'4' '4BCL3 ' @BK1@' @2G' C 'G'L2'322E' E' @2'4@' C L2F3' '33 1E2A' LG')2' B33 ' B' !' 2F2K3' 'EA' 4@ 23!' @2' * BBA @2N@2FA ' 'E' & ,!:' BF' @2' @2'H2E G' 2'3 ' '' C 'E' 3@ E1 ' 'EA') 'E 2 ' E' @2' BE\3' A2E' 'F2' @2' 4@ 2 ' @ 3 BF 4 ' ' BF' ' 21BF 4 ' ' F2NF232E ' BE3' B ' @F3 'E' CG3 2F 23' I@ 4@' 'F2'N ' E 2A'@2F2!'* $'E BF C ' 2 G' @2G'@'H2'L22E' ' CB3 ' A23 FBG2A' LG' N2F3BE3' ' 2CN E1' B' A2 '4@' @2C' FBC' @2' I ' !J%' 3 ' ##! $! .'U ! -<

' FB'A' B' @2' 2 ' EB I ' 2'A3' B' @2' '' NN '' KBH' ' N'33 E1' 'LBK ' '' SK'F 2F' B ' '' C 2' @2E42 ' '' KFE' BE' @2' 2 ' B' @2' FK E' 12E2F' G' 0EB I E' '3' @2' 6 9# ' ':7 @86' FBC' 'E' ' 'F' A2A 4' 2A' B' '44@K3' I@ 4@' I '3' BKEA' @2F2' LK ' 4BE3 A2F2A' LG' CBA2FE' 'E SK'F 23' '3' '' 2CN 2' B ' 2F23' 'EA' (FB32FN E2!' @ 3' LK A E1' @'3' L22E' 4BCN'F' H2 G' 3'H2A' FBC' @2' A23 FK4 BE' I@ 4@' @'3' L2 ' 2E' 3' E2 1@LBKF3' LG' @'H E1' L22E' 4BE324F' 2A' '3' '' 4@KF4@' E' & ' ,9< LG' (BN2' ('34' ' !' E' @BEBKF' B ' @ 3'N ' E 2A' NF2A24233BF' $FL'E' !' !)!' 99;% I@B32'NBE 4' 2' I '3' 4@ 2 G' N'332A' E' F2 K12' E

@2' E2 1@LBKF E1' ' '4BCL' B ' !' ' M K3% L24'K32' B ' '' L2 2 ' @' ' @2' I '3' I BE ' B' F23BF ' @ @2F!

' 4@'N2 ' ' ' '' 1F2' ' A2N @' L2 B I ' @2' 4@KF4@ ' 3' 3@4 HE '3' @' ' E' I @ 4@' !' $FL'E' L'N 32A' 'EA' 42 2LF' 2A' C'33!' ' 4KF BK3' F234B' @2F2' F2NF232E 3' @2' F1 E' L2 I 22E' !' $FL'E' 'EA' !' UB@E!

FBKEA' @2' KNN2F' N'F ' B ' @2' E 2F BF' 'F2' '' CK4@' E KF2A' 32F 23' B ' F234B23 ' 4BCNF 3 E1% @2' 2' B ' @F 3 ' FBC' @2' EEKE4 ' BE' B' @2' A2342E ' E B' 'A23 % 'EA' @2' 2' B ' !' 24 '' 'EA' @2F' @K3L'EA' ' 2F 'E ' 2EA E1' E' @2' LKF ' ' B ' 24 '' LG' (BN2' $FL'E' E' @2' ' '4BCL3' B ' ' M K3 ' 'EA' @2' 3 BFG' B ' @2' C 'F GF2A' $FL'E' !' E' @2' N 4 KF2' B ' @2' FK4 M BE ' @2' @ 2H23' @'H2' @2 F' E'C23 ' ?' ' NKFE K3' 'EA' BE1 EK3!J' @2' F234B23' I 2F2' ' 2F2A' E' @2' 32H2E 22E ' '2E KFG' B' 3K ' @2' H 2 I 3' B ' @2' BC 'E' @KF4@ ' O2G3' L2 E1' N '42A' E' @2' @'EA' B ' (2 2F ' &4!' 2 3' B ' AF' I E13' 'O2E' I ' 'EA' 7 0 ' @2' ' 2F' BE3 ' 'F2' NF2T 32FH2A' E' @2' 'FL2F E ' LF'FG ' 'EA' 4KF BK3 G' 3@B I ' @2' A 2F2E42!

' I EA E1' N' @' 2'A3' FBC' !' $FL EB' E B' @2' H' T 2G!' 2F2 ' L23 A2' @2' CB' F HK 2 ' 3' '' FK E2A' GC'" N@32KC' 4BE ' E E1' '' CK ' 2A' 3 ' K2' B ' '' F H2F"1BA ' I @ 4@' I '3' 4' 2A' ? @2' *FB B' B ' 12F ' J' ' '' 2 I ' G2'F3' '1B ' I @2E' @2' A 34BH2FG' B ' @2' FK2' 3 2' B ' @2' (BF '' 'N2E '' M2A' @' ' B ' @2' 1FB B' I @ E' @2' I ' 3!' @2' E2' 1FBH2' B ' B A' 2M" F223' BE' @2' @ 3 4 2 ' I '3' ' ' @2' 3 'C2' C2' NB E 2A' BK ' '3' @2' 3 '4F2A' 1FBH2' B ' 12F '!

? 12F ' X' 3 I 22 ' 4F2 ' BE' B '3BC 2' @2 'F ' +'
@ 4@' BKEA' EB' C BF ' ' F23 E1"N '42' 3B' ' F'
3' @ E2' A2 ' ' LF2 ' 3 D' I @ ' (2F' @BK' 'F '
F' I 2F % '' GBKE1' KFBF'' B ' @2' ' F
!' !

; 9 ' ' /

@2' EGCN@B 2N3G' B '3BC2' BEA' A23N' F
F' ' C 1@ ' L2' '' L2' K G' B ' @2' 2' F @!
@B' BKEA' '' C BF2' @' E' 4BC C BE' HB 'FG' @2F2
' BB' C ^4@' 'ABF E1' I @' 3B2 2F' @G' L F @
BK' I 2F' '' L2' K K ' @BK1@ ' 'EA' 3B G' LBA 2A' BF @!

/' @2' C B3323' B ' @G' BKE ' E' 3 ' 'F2' 3NF EO 2A'
@' @ E2' G3 'E' I ' 2F"AFBN3' @2' '42'
' @G' 4' H2"1K' FA2A' 3NF E1 ' I @' G2' F3' KE I F EO 2A!
2 24 3' @2' C 22O"2G2A' 12E K3' B ' @2' N '42!
@B32' 1F22E ' I A' C 'F1 E' EB I ' EB' C BF2' 2F' 32'
F 3' I BFO3' ' EBF' C K3 ' @2' A2 4' 2' I ' 2F3' 3 22N!
(F 3BE2A' E' C 'FL 2 ' LKLL E1' FBC' @2' L' 32'
' @2' 4 2 ' 3 ' K2 ' I @' '' 12E 2' 2' N
@2' F 'FKE3' B2F' 'EA' FBKEA ' C ' B I 2F3 ' 'EA' HG ' 4F22N

?' 'E '3 4' G' 'E1 2A' @2' 1F22E' @ 3
F2' 4 B @2A' I @' 2' F G' L B33BC 3 ' @FBK1@' @2' 1F' 33'
@2' SK 4O"2G2A' P' FA' FK3 23 ' 'EA' @2' L 3'
'3KC C 2F"L FA3' 3 E1' I 2 4BC 2' '3' G2' N ' 3
B I 2F3' F23@' E' @K2 ' 'EA' C 'EG' E' @2 F' 4 '33!
C N BF2' @2' N 'K3 E1' 3 2N ' 'EA' I @' @2 F' AG23'
) 'E42' E' @2' 3B 'LF22P2' E' '' ' FG' C '33' D
@2' 3 I 22 E233' B ' @2' H B 2 3' A22N' L K2' 2G23!
33 A' LG' @2' LF2' @' B '@2' H2E ' 322C 3' 4B BKF2A' LG' 3' 3O 23!J
!' =' $.' %"5!' "5

' 3' EBI' OEB I E' @' ' @ 3' EGCN@32KC' 'EA' @2' H' 2G' E' I @ 4@' ' 3 ' A3' L2 BE12A' B' @2' 3KLKFL' E' H '' 4' 2A' F BN B ' B ' 2FBA23' 4K3 ' I @ 32' FBC 'E 4' 3 BFG' 3' @' EA2A' AB I E' B' K3' @FBK1@' I B' * F22O' E34F N BE3' E' @2' NB33233 BE' B ' @2' BF1@232' 'C G ' 'EA' 3' KF @2F' K3 F' 2A' LG' @2' I F E13' B ' B3 F' K3' 'EA' ('K3' E '3!

' I 2' @G' * F22O' E' C 2A' NN' F4@K3' B 2EA2A' @ 3' 1BH2FEC 2E ' 'EA' B3 ' ' ' @ 3' I 2' ' LG' 4BE 34' BE ' LK ' @2' 'C G' BF KE23' I 2F2' F2T A22C 2A ' @FBK1@' @2' A 34BH2FG' LG' @ 3' d3BE' 4K3' B ' '' H' 3 ' F2' 3KF2 ' 4BE42' 2A' E' '' 3C ' ' N 242' B '1FBKEA' I @ 4@' F2C ' E2A' B' @2C ' 4 B32' B' @2' FB4O' B ' @2' 4FBNB 3!') F2' A E1' @2' 'H' F 42' B '@ 3' 2 B I "4 P2E3!

4 3'32E' ''BE42' B' 2FH' ' @2' @2E'2C N2FBF' 2 E1'@ C'B ' @2'A 34BT H2FG' 'EA'F2SK23 E1'@ 3'BFA2F3' '3' B'I@' ' @2' I '3' B'AB' I @' @2' F2'T 3KF2!' 2FH''F2N 2A' @' '@2' I '3' I 2 4BC 2' B'O22N' ' 'EA' K32' ' '3' @2' N 2'32A!' B 'G2 '3' 3 2A'BF' 22 E1'3K 4 2E G'3KF2'B ' @2'NFB 24 BE'B ' @2'2C N2FBF' 4K3' '1' E' 'NN 2A' B'@ C ' 3 'G E1' @' ' @2' F2'3KF2' I '3' 'F' BB' H'3 ' BF' @2' K32' B ' '' N2F3BE' E' '' NF H' 2' 3 ' BE'B ' 2' 'EA' '3O E1' @B I ' @2' I '3' B' K32' !' @2' 2C N2FBF' '1' E' F2N 2A' @' ' @2' F2'3KF2' I '3' @ 3' B I E' 'EA' AK2' B' @ 3' B I E' 1BBA' BF KE2 ' 'EA' @' ' // I @' ' @2' 4BK A' EB ' K32' @2' C 1@ ' 'LK32!J' 4K3' @2E' 2E 2F2A' 324KF2 G' E B' NB33233 BE'B '@ 3' I 2' @' I @ 4@' @2' L2SK2 ' @2A' B' @ 3' 3BE' 2FBA23 ' I @B' K32A' @ 3' BF KE2' C '1E 42E G' E' @ 3' LBKE K ' 4@ 'F 23 ' E' @2' 2E4BKT F'12C2E 'B ' 2F' KF2' 'EA' 'F ' @FBK1@BK ' LB @' * F2242' 'EA' ' G ' 'EA' L23 ' 'NNF24 ' 2A'B ' ' LG' @2' * F22O3 ' E' @2' 3N 2EABKF'B ' @2' NKL 4' 1' C 23' I @ 4@' @2' 1 'H2!

'F G' E' @2' F2 1E' B ' E E EK3' (K3 ' 2FBA23' 4K3' F2C BH2A' B' BC 2 ' I @2F2' @2' I '3' 'NNB E 2A' NFB 233BF' B 'F@2 BF 4' B' 'F4K3' KF2 K3' 'EA' K4 K3' 2C 3 ' @2' I B' 'ABN 2A' 3BE3' B ' @2' 2C N2FBF ' 'EA' I @2F2' @2' ' ' E2A' @2' 4BE3K 3@ N' E !) !' : 7!' BBE' ' 2F' @ 3' 'FF H ' '@2' 2 ' E' BH2' I @' EE ' 2 ' ' '' L2 'K K ' 'EA' I 2 ' @G' @2 F233 ' 'EA' E' 3N 2' B ' @2' H B 2E ' BNNB3 BE' B '@2F' LFB @2F ' EE K3' K3' F'AK '3 ' I @B ' L2 BE1 E1' B' @2' UK 'E' 'C G ' 'EA' 4 ' C E1' 'E' C '1 E 'FG' A2342E ' FBC' 2EK3' 'EA' E4@ 323 ' UBBO2A' KNBE' @2' C 'FF '12' '3' '' C 23' 'E42' @2' 3K4422A2A' E' BL ' E E1' @2F' @ 'EA!' ('F ' B ' @2' I 2' @' I 4@' EE '' 21 '' LFBK1@ ' B' @2F' @K3L 'EA' I '3' @2' ' 2' ' 'F2 ' 'EA' 3' EGCN@B2KC ' '

BF' 3BC 2' G2 'F3' 2FBA23' 4K3' 'EA' EE '' 21 '' 2E BG2A' @2' N2FT 24 BE' B ' C 'FF 2A' @ 'NN E233' E' @ 3' L2 'K K 'H' 2G' D' LK '3@BF G' L2 BF2' @2' 2MN24 2A' L F @' B '@2F' @' 4@ A' 3@2' A 2A' H2FG' 3KAA2E G ' 2 'H E1' @2F' @K3L 'EA' ' C B3 ' F'E 4' I @' 1F 2 ' 'EA' F2 K3 E1' 2H2FG' 4BE3B ' BE!' 2' I '3' FBK32A ' @B I 2H2F ' FBC 3' F3 ' ' E1K 3@' LG' @ 3' LFB @2F" E" ' I ' EE K3' F'AK '3 ' I @B' @ ' A' E2H2F' ' A' '3 A2' @ 3' F232E C 2E ' ' ' @2' C 'FF '12 ' 'EA' I @B' EB I ' '44K32A' @ C 'B '@ 'H E1' NB 3BE2A' @ 3' I 2!' 2FBA23' A2C 'EA2A' '' NKL 4' F ' ' ' 'EA' + ' '4SK 2A!' B3 F' K3' F24BFA3' @' ' @2' E 2E32' 1F 2 '@2' 3@B I 2A' 'EA' @2' A2N @' B ' @2' C BKFE E1' @2' I BF2 ' I 2F2' 'O2E' '3' 3 1E3' B ' @ 3' EEB42E42!' KF @2F' B' 4 2 'F' @ C 32 ' FBC' C NK ' BE' 2FBA23' B 2F2A' ' ' @2' 2 I 2 3' B ' EE '' 21 '' KNBE' @2' ' 'F' B ' @2' 2K3 E 'E' A2 23' 2F23' 'EA' (FB32FN E2 ' ' ' @2' 3 ' C ' C 2' 4' E1' AB I E' @2' H2E12 ' E42' B ' @2' BK F'12A' 1BA3' '@2' I 2F2' 1K G' B '3 '4F 212!

@2' L2 BH2A' 21 '' I '3' LKF 2A+E' '' BC L' 3KFFBKEA2A' LG' ? '' 32NK T 4@F' ' 2 A' J' I @ E' @2' NF24 E4 3' B ' @2' H ' ' A2A 4' 2A' B' E2FH'' 'EA

2C 23 3 ' 'EA' '3' F24BFA2A' E' BE2' B ' @2' * F22O' E34F N BE3 ' ' I '3' C 'A2' 'E' '4 ' B ' @2' @ 1@23 ' 3 '4F 212 ' BF' 'EG' LK '@2F' B I E' A2342EA 'E 3' B' L2 ' A' I @ E' @B32' 3 '4F2A' C 3!' '3 ' K2' I '3' ' 3B' 2F24 2A' B' 21 ' ' E' @2' EBN 'E' 2C N 2' B ' 2F23' 'EA' (FB32FN E2 ' I @ 4@' 3' EB I '3KNNB32A B' L2' @2' 3' C 2' I @' @' ' K3K' G' 4' 2A' @2' 2C N 2' B ' '44@K3!' B ' BE G' A A' 2FBA23' @' E1' @ 3' @BK32' I @' L '4O' E' @ 3' ' 4 BE ' LK ' ' ' 1' G' 4B BKF2A' C 'FL 23' I 2F2' 3 F NN2A' FBC' @2' I ' 3 ' 'EA' F2N '42A' I @' @2' A 'FO' 1F2G' C 'FL 2' OEB I E' '3' ? L 'FA 1 B J% 'EA' @ 3' A2N @' B ' I B2' C 'A2' @ C' 3B' 4BE3N 4KBK3 ' @' ' '' 3' F 4' ' N2F3BE' 322 E1' @ 3' 4BBO' NF2N 'F2' I @ 2' L2 'E3' BF' A EE2F ' I BEA2F2A' @' ' @2' 4BK A' A 'F2' B' AB' 3B ' E' '' @BK32' 3B' 2E F2 G' L '4O!

@2' E34F N BE3' E' I @ 4@' @ 3' 3 BFG' 3' F2 ' 2A' BE2' B ' @2C' 4BE ' E E1' @ F G"E E2' * F22O' H2F323 ' 'F2' 2E1F' H2A' BE' 3 'L3' B ' (2E 2 4' C 'FL 2% 'EA' (B3 F' K3' 'EA' ('K3'E '3' E'FF' 2' @' ' @2' SK'FF 23' B ' @ 3' C 'FL 2' I 2F2' @2' NFBN2F G' B ' 2FBA23 ' 'EA' @' ' E' @ 3' C '1E 42E ' LK A E13 ' @2' ' CB3 ' 2M@' K3 2A' @2C! ' =' @2' 2 A' N' @' FBC' @2E42' 2' A3' L '4O' B' @2' 4@KF4@' B ') BC E2' >KB' 'A 3 ' N '33 E1' BE' @2' F 1@ ' '' L2 'K K G'" E 3@2A' BCL' B ' @2' C2' B ' 2N C K3' 2H2FK3 ' OEB I E' '3' @2' 9# ' ' & 6' $ 8#86 ' 'EA' BFC2F G' A234F L2A' '3' @' H E1' L2 2E' LK ' 4(4BC C2C BF' 2' @2' F2 F2' ' B ' 'EE L' ' I @B' 4' C2' @K3' 'F' E' @ 3' E 2EA2A' ' '4O' KNBE' BC2!' @2' 2C N 2' 2F24 2A' E' C2C BFG' B ' @ 3' 2H2E ' I '3' F2' G' BE' @2' F 1@ ' B ' @2' '' NN '!' ' I '3' A2A 4' 2A' B' 2A 4K K3 ' @2' 1BA' B ' 2 KFE!' @2' B G' B ' 4 42FBE ' B 2E' 4 23' @ 3' E' C2' '3' ?' A 4K BK3!J

@2' E2 1@LBKF@BBA' B ' @2') H 3' 2A 4K K3' I @ 4@' @2' @B I 2H2F' N '423' BE' @2' &%# B ' @2' '' NN ' ' 3' A234F L2A' LG' (EG' E' 4BEE24 BE' I @' '' 4KF BK3' 3 BFG' B ' C N2F ' ' C 23!' @2F2' I '3' ''4BLL 2F' I @B' @ 'A' @ 3' 3 ' ' E' @2' BC 'E' BFKC ' 'EA' I @B' NB332332A' '' 'C2' F' H2E ' I @ 4@' I '3' =

' BF' @232' 'EA' C 'EG' B @2F' N 'F 4K 'F3 ' 322' 'E' E 2F23 E1' 24 KF2' LG' F!' @'O2'" 3N;F2' BBA ' BE' ?' @2' BKE ' E' B ' 12F ' ' 1 H2E' L2 BF2' @2' BC 'E' F4@' 2B B1 4' ' B4 2 G!

'' 1F2' ' 'HBKF 2' I @' @2' GBKE1' BC 'E3 ' B' I @BC ' @2' I BK A' L A' 1BBA' A 'G' '3' @2' 3 ' 2' N2F4@2A' KNBE' @2' FB3 F' I' ' 2E1 @' @2' L24 ' C 2' SK 2' '' NKL 4' 4@' F' 4 2F ' 'EA' @2' EA 1E' BE' I '3' 3B' 1F2 ' ' I @2E' @ 3' C '3 2F' O 2A' @ C' I @' @ 3' @ ' C C 2F' E' '' ' B ' F' 12' ' ' @ 3' 3NB E1' 3BC 2' E2 I' 2' @2F ' @' ' @2G' 3 2 I ' @2' 4BLL 2F' 'EA' A24F22A' '' NKL 4' KE2F' ' B' @2' L FA D' I @B' I ' 3' 2 ' FE2A' B' @2' 1F' H2' BE' '' L 2F' 'ABFE2A' I @' @BEBF' FG' 4FB I E3 ' NF242A2A' LG' '' N N2F ' 'EA' 3KNNBF 2A' LG' I B' E21FB23' E' @BEBKF' B '@ 3' 4B BKF % 'EA' LKF 2A% ? 'A' FB1KC' K3SK2 ' SK ' 4BE3 FK4 K3' A2M F'' D2' NN 2' ' A' 324KEAKC' 'N A2C' E' 4' C NB' 2A 4K B' 'NN2 ' B' K !J% ' " $.' #.' #' L!' M!' 4!' ;<!

2 KFE E1' B' @1' '' NN ' ' I 2' F2' 4@ ' BE' @2' F 1@ ' @2' : 76 # 7' ' ' I760 7 ' F2LK ' E' ;' ' LG' 'C E B' (BEP B' BF' 'FA E' ' 4 N B' BF1@232 ' BE' @2' 3 2' B ' '' 4@KF4@' I @ 4@' @' A' L22E' BKEA2A' LG' BE3 'E E2 ' I @2F2' BE42' 2M 3 2A' @2' @BK32' 'EA' 1' FA2E' B ' @2' C ' FBE' K4 E' ' E' I @ 4@' 3@2' @ A' LKF 2A' @2' LBAG' B ' 2L' 3 'E ' ' 2F' @ 3' 324BEA ' C 'F GFABC' KEA2F') B4 2 'E!' @2' L' 3 4'' 4BET ' E3' EB @ E1' 'E4 2E ' LK ' @2' 3 M' 1F' E 2' 4B KCE3' E' @2' NBF 4B!' @2' ' 'F' 4BH2F3' @2' F2 43' B ' @2' 3' E ' 'D * 'K ' '' E' H2' B ' 'FLBEE2 ' '' @F 3 'E' 3B A 2F' KEA2F') B4 2 'E ' 'EA' @2' 4@' N2 ' B ' !' 2L' 3 'E' @' 3' '' 3 ' K2' B ' @ C' E' @ 3' GBK @ ' A23 1E2A' LG' 2FE E ' 'EA' 2M24K 2A' LG' E BE B' * BF12 !

?' @2' ' C B3 ' 4B B33' ' BFC' 23' A2 'A ' @2' @2 ' A' F23 E1' BE' @ 3' @2 C2 ' 'EA' 'F C BKF!' ' 3' 2H A2E G' C BA2 2A' FBC' E' KF2 ' 'EA' 3' N2F@ ' N3' @2' E23 ' @ E1' 2H2F' A23 1E2A' LG' 2FE E !' ! !' !' ' 3' NFBL' L G' FBC' @2 ' 33B4 ' BE' B ' ' FFB I 3' I @' @ 3' BFC' 'EA' 3 BFG' @' ' !' 2L' 3 'E' @' 3' L22E' F21 'FA2A' FBC' @2' F3 ' ' 123' B '4@F 3 'E G' '3' @2' NFB 24 E1' 3' E ' '1' E3 ' N '1K2' 'EA' N23 2E42D' NB B' I '3' @2' A2 G' I @B' E 4 2A' N '1K2 ' 'EA' @2F2 BF2' I '3' EHBO2A' I @' NF' G2F' 'EA' 3' 4F 42' '1' E3 ' D' 'EA' B' @2' @BEBKF' B ' NB B ' E' @ 3' N' F 4K 'F' 4@' F' 4 2F ' !' 2L' 3 'E' @' 3' 3K4422A2A!J% , 3! # ' - !5 #.' N!' : :!'

@2' BF 1 E' ' B ' @2' BB NF E ' E' @2') BC E2' >KB' 'A 3' 3' 3' ' A' B' L2' NF232FH2A' @2F2!

E' @2' 2 ' B ' @2' 2E F'E42' 3' @2' A2342E ' E B' @2' 4' 'T 4BCL3 ' I @' @2' E34F N BE0

? E' @B4 3'4FB3'E4 B' B4B' SK ' A 4 KF' ' ' ' '4KCL'3 ' KL ' 32NK '' K2FKE ' 3' 4 BE C' C 'F GFKC' 4BFNBF'' -: <<< ' '4' : ;' 3KCCBFKC' NBE"' 4 KC' N'F 2FSK2' C 'F GFKC!' E' ' 'F2' E' SKB' 4BFNK3' A H ' 2L'3 'EX' @F 3 '' @ 2 42' '42 ' 42 2LF'E3' 3KCCK3' (BE 2M' !' * F21BF K3' '1EK3' = H A '' E12 KC') 2 ' 4'EA A BF2C' E H2 ' 3 L ' E' F2C2EAB' 3'4F 4 B' C E "' 3 F'E 2C' '4' A 42E 2C ' f 2' 23 ' B4K3' 3'4F' 33 CK3' E' SKB' 23 ' A H E'' NFBC 33 B' 2 ' BCE KC' N244' BFKC' F2C 33 B ' 3N 2EABF' 2 ' KM' N2FN2 K' ' 3 E2' E2' 22 '' SK'C' @F 3 ' C 'F GF' 2L'3 'EK3' @'L2F2' NFB E2FK !0 ! (FBK ' 2H2F'EK3' BC!' (]f N'1 E'' : \< ' '4' 2 'E ' 'E SK 33 C32' 'N A232' 23 'E KF' 'LK '2!'

?' A2B' E' @B4' E3 1E2' NF H 21 ' B' ' 'F ' 'C' C 3342' 4'E ' 42' SK'C' NF H' '2 ' AKC' 42 2LF'E KF' 'E C'2' SK22' 3 E ' E' NKF1' BF B' NFB' SK LK3' 3'4F 4 KC' B 2F KF'N 2E'F 'C' EAK 12E 'C ' 2 ' BCE KC' 3KBFKC' N244'T BFK C' F2C 33 BE2C' 4BE32SKKE KF' NFBK ' 'L' 'E12 B' A 4 KC' K ' 2 ' 3KCC ' NBE 423' 4BE FC 'FKE !J

3

@232' 'F2' @2' 4' '4BCL3' I @ 4@' 'F2' CB3 ' F2SK2E G' H 3 2A' LG' 3 F'E12F3 ' L24 'K32' @2G' 4 'E' ' I 'G3' L2' 322E' BE' 'NN 4' BE' B' @2' CBE03' ' '4@2A' B' @2' 4@KF4@ % @BK1@' @2G' 'F2' B '1F2' G' E 2F BF' E 2F23 ' B' @B32' B ' !' ' M K3!

=

?' @BK1@' K KF2' 2M4 'H' BE3' C 'G' LF E1' B' 1@ ' CK4@' @' ' 3' E 2F23 T E1' E' @ 3' 42C 2 2FG ' @2' 3C ' ' NBF BE' EB I ' '44233 L 2' 3 ' '3' '' 3N24 C2E' B ' @2' ' '4BCL3 ' K 2F G' I @BK ' H' K2!' 3' BE G' E 2F23 ' 4BE3 3 3' E' 3' F2 1 BK3' '33B4 ' BE30 @2F2' !' F A12 ' I '3' I BE ' B' OE22 ' F'N ' E' 4BE 2C N ' BE'0 @2F2' !' @ 'F 23' BFFBC 2B' 3N ' I B 2'E 1@ 3' E' NF'G2F0 'EA' @2F2' @2' @2 'F ' B ' !' (@ N' 2F ' I '3' 3B' E ' C 2A' I @' A H E2' BH2' '3' B' 4 'K32' @ 3' H2FG' LBA G' F' C 2' B' L2' 4@ 'E12A >(#%- # ' 3 $ # - 3 .

I E1' B' @2' A23 F2' E' @2' 2 'F G' @F 3 'E' @KF4@' B ' 3 'H E1' @2' 1F'H23' B ' @2 F' F3 ' 4BE 233BF3' 'EA' C 'F GF3' FBC' A2324F' BE ' ' CN3 ' ' ' @2' 4' '4BCL3' I2F2' 1F'AK' G' L B402A' KN ' 'EA' LG' 'N32' B ' C2' @2 F' H2FG' 2E F'E423' I 2F2' BF1B 2E!' E' @2' BKF 22E @' 42E KFG' H2FG' 2 I ' I 2F2' 3

BN2E!' E' @2' 22E @' 42E KFG' EBE2' F2C ' E2A' 2M42N ' @ 3' B ' !' 2L'3 'E ' I@ 4@' 4BE EK2A' B' L2' F2SK2E 2A' LG' N 1F C3 ' 'EA' I '3' 4 ' 2A' E' ' ' 'E4 2E ' AB4K '2E 3' ? 242C2"' 2F KC' 'A' 4 ' '4KCL'3!Q' ;

' @2' L'40' B ' @2' @ 1@"' 'F' 3' 'E' E 2F23 E1' @' '" 3KL 2FF'E2'E' LK A E1 ' ' F LK 2A' B' (BN2' L2F K3' 7\9"' 7\\ ' 'EA' ' 2F I 'FA3' 'ABFE2A' LG' (BN2') ' C '3K3 ' I@B' LF 2 G' 2 3' 3' @ 3 BFG' E' BE2' B ' @ 3' E34F N BE3 ' I@ 4@' C 'G' 3 ' L2' 322E' @2F20

?' E4' @ 'L '332 NF K3' 3 'E4 B3' 4B1EB342F2' 4 2L23
BC E' ' SK 3SK2' (2 F ' N ' F 2F' (' K SK2' F2SK F 3!
) 34 NK B3' F 2E3' C 3 ' SKBA' 3NBE 2' ' 2C KF
'E1K E 3' BL' C 2F KC' @F 3 KC SK2' N2F' ' 3 F ' ' 32SKK
2 @2F B3' N2 2F2' 3 EK3' 2 ' F21E' ' N BFKC!
BC ' ' B3 'NB K3' C 2FK ' A2 2EA2F2' 4 H23!
B24') ' C ' ŧ K3' H23 F ' 3' F2 2F' ' 3 A2F ' ' ' KA23!J

?' 2F2' GBK' 3@BK A' OEB I ' @ ' ' 3 ' E 3' A I 2 !' @2 F' E ' C 23 ' 'GBK' ' 3O' @2C ' I 2F2' (2 2F' 'EA' ('K !' @2' '3 ' 32E ' A 34 N 23 ' I @ 4@' I 2' F22 G' '4OEB I 2A12!' BF' @2' C 2F ' B ' @2 F' L BBA' @2G' B B I 2A' @F 3 ' B' @2' 3 'F3 ' 'EA' 3BK1@ ' @2' @2 'H2E G' @BC 2' 'EA' @2' O E1ABC ' B ' @2' L 23 !' BC 2' @B I 2H2F' A232FH2A' B' A2 2EA' @2F' B I E' 4 P2E3!' +!G') ' C ' 3K3' F24BFA' @232' @ E13' BF' GBKF' NF' 32 ' < ' E2 I ' 3 'F3!' J

?' @2' I B' NB3 23 ' !' (2 2F' 'EA' !' ('K ' I 2F2' BF 1 E ' G' LKF 2A ' @2' BE2' ' ' @2' ' 4 'E ' @2' B @2F' BE' @2' 3 'E' 'G ' ' ' @2' 3NB ' I @2F2' @2 F' F23N24 H2' L'3 4 '3' EB I ' 3 'EA' LK ' '3' 3BBE' '3' @2' F 2E ' ' @F 3 'E3' @ 'A' @2 'FA' B ' @ [F' A2 ' @ ' @2G' 32E ' 3BC 2' B ' @2 F' LF2 @F2E' B' F2C BH2' @2 F' LBA 23 ' 'EA' LF E1' @2C ' L '4O' B' @2' '3 ' I @2F2' @2G' 4BET 3 A2F2A' @ ' ' @2G' @ 'A' ' ' F 1@ ' B' 4 ' C' @2C ' '3' @2 F' 2 B I "4 P2E3' 'EA' 4BKE FGC 2E!' @232' 3B' 'F' NFB3N2F2A' E' @2 F' C 33 BE' '3' B' 1 ' E ' ' ' CBC 2E 'FG' NB33233 BE' B ' @2' 3 ' 4F2A' F2 43 ' I @ 4@' @2G' 4 'FF 2A' B ' ' BE1' @2' NN 'E' 'G ' '3' 'F' '3' @2' 3NB ' I @2F2' @2' 4@KF4@' B ' !' 2L'3 'E' I '3' ' 2F I 'FA3' LIK !' 2F2' @2G' F23 2A' BF' ' I @ 2 ' B' C 'O2' ' ' @ E13' F2 'AG' BF' @2 F' BKFE2G ' BF' ' 44BFA E1' B' 'EB @2F' '41BKE ' I 2F2' A2 ' E2A' LG' '' @KEA2F3 BFC ' B ' 2M F 'BFA E 'FG' H B 2E42 ' I ŧ@ 4@' A2 'G ' @B I 2H2F' B44 ' 3 BE2A ' I ' 3' 3K 4 2E ' B' 2E' L [' @2' @F 3 'E3' B ' BC 2' B' BH2F 'O2' @2C ' 'EA' F24BH2F' @2 F' B3 ' F2 ' 3KF2!' @232' BC 'E' @F 3 'E3' @2E

LKF 2A' @2' LBA 23 ' I @' @2' K CB3 ' 324F23G ' E' '' A22N' N ' I @ 4@' @2G' AK1' BE' @2' H2FG' 3NB ' I @2F2' @2G' I 2F2!' BBE ' EA22A ' @2G' I 2F2' F23 BF2A' B' @2 F' BF 1 E' ' N '423' B ' 32NK KF2 ' '3' I 2' OEB I ' FBC' 4BE 2C ' NBF'FG 'K @BF 23 ' 'EA' @2F2' 322C3' F2 ' 3BE' B' L2 2H2' @2' B A' 244 23 ' 3T 4' ' F' A ^ E' B' L2' 4BFF24 ' I @ 4@' 3 ' 23' @2C ' B' @ ' H2' BE G' F2C ' E2A' E' @ 3' 2C NBF' FG' 'LBA2' BF' '' G2 ' F' 'EA' 32H2E' C BE @3!' @2' LBAG' B ' !' (2 2F ' @B I 2H2F ' I ' 3' A23 E2A' B' F2H 3 ' ' '' 324BEA' C 2 ' 'EA' BF' '' BE12F' N2F BA ' BF' I @2E ' ' ' @2' L21 EE E1' B ' @2' @ FA' 42E KFG ' 2 B'" 1 ' L ' K3' C ' A2' @ 3' 4 F4K3' ' ' @2' ' 4 ' E ' ' M K3 ' I @B' I ' 3' @2E' NB) 2' F2C BH2A' @2' F2 43' B ' @2' NB3 2' B' @2 F' BC 2F' 2C NBF ' FG' F23 E1' N ' 42 ' @2' N ' BE' @2' NN ' E' 'G!' K ' E' & ' Ċ !' 2N@2E ' @2' NBN2 ' @ ' H E1' L22E' A 34BH2F2A' E' @ 3' H2 G' 42C2 2FG' 'EA' @ ' H E1' 3K 2F2A' C ' F GFABC ' @2F2 ' @2' LBAG' B ' !' (2 2F' I ' 3' BE42' C BF2' F2C BH2A ' 'EA' F23 BF2A' B' 3' BF 1 E' ' BCL' E' @2' ' 4 ' E!J% #%- #!7 ' 3 $ # - 3 ' =

E' @2' N ' 33 ' 123' B ' @ 3' 4 ' '4BCL' 'F2' C 31K A E1' E34F NT BE3' N ' 42A' @2F2' E' :<8' LG' 'C [F4@L 3@BN' B ' BKF123 ' 4 ' E1' KNBE' @2' ' @ K ' B' H2E2F ' 2' @ ' @2' BCL3' B ' '!' 24 '' 'EA' B ' C ' EG' B ' @2' C ' F GF2A' NBN23 ' I @B' 'F2' LKF 2A' 2 32 I @2F2!' @2' C ' F GF' !' GF EK3' 3' OEB I E' B' @ ' H2' L22E' LKF 2A' @2F2' FBC' H2FG' 2 ' F G' E2F ' F 23 ' LK ' @ 3' 1F ' H2' @ ' 1' EB ' L22E A 34BH2F2A!

?' @2E! ' I ' 3' '' LBG ' L2 E1' 2AK4 ' 2A' ' ' BC 2 ' 'K32A' 2H2 G' KEA ' G ' E' 4BC N ' EG' I @' B @2F' LBG3' B ' C G' B I E' ' 12' 'EA' '3 23 ' B' H 3 ' @2' BCL3' B ' @2' 'NB3 23' 'EA' C ' F GF3 ' 'EA' B' 1B' E B' @2' 4FGN 3' 2M4 ' H ' 2A' @2F2' E' @2' LB I 2 3' B ' @2' 2 ' F @!' @2' I ' 'BE' 2 @2F' 3 A2' '3' GBK' 2E 2F' 'F2' K ' B ' @2' LBA 23' B ' @2' A2 ' A ' 'EA' @2' I @B 2' N ' 42' 3' 3B' A ' FO ' @' ' BE2' 322C3' ' C B3 ' B' 322' @2' K C 2E ' B ' @B32' I BFA3' B ' @2' NFBN@2 ' / 2 ' @2C ' 1B' AB I E' ' H2' E B' A 23!⅛ 2F2' 'EA' @2F2' '' 2' 1@ ' 'AC 2A' FBC' ' LBH2 ' 3K 423' B' 1 H2' '' C BC 2E ' FG' F2 2 ' B' @2' @BFFBF' B ' @2' A ' FOE233' ⅁ LK ' '3' GBK' 1B' BF I ' FA3 ' 'EA' EA' GBKF32 ' '1 ' E' C T C 2F32A' E' @2' K 2F' L ' 4OE233' B ' E 1@ ' @2' I BFA3' B ' @2' NB2 ' 4BC 2' !3NBE ' E2BK3 G' B' GN FF' C EA' ⅁ ƒ @2' H2FG' 3 2E42' 3' @2' 3BK ' I @' AF2 ' A ! ⅁ % #' 4! 3 ! !V! 7 \ : ' $' /2! ' 4@ ! ' M!

? ' 1 ' KE ' F ' E4 34 ' E' F ' F ' I 2' '' I A' LF 1@ ' 2G2 ' I ' 3' BKF' BE G' 1 F A2 ' AB I FF' E B' @ 3' NFB BKEA' 'EA' AF2 ' A K ' N ' 42!' @2' E ' FFB I ' E' ' G3

')' ' /

'EA' BN2E E13'@ @2F' 'EA' @ @2F ' 4BKN 2A' I @' @2' A2 'A' 'EA' @2 'HG' ' F ' 3BBE' L B 2A' BK ' E' ' 'B 'K3' ' EG' F24B 24 BE' B ' @2' F '4O' LG' I @ 4@' I 2' @ 'A' 4BC 2' ▯ 'EA' '4BK A' EB '@2 N' @ EO E1' ⁄' * BBA' 2 'H2E ' ' E' 3KAA2E' 'B 'C 'AE233' @2' 3@BK A' A '3@' @2' BF4@23' BK ' BF' '@2' @BK A' L2' 32 P2A' I @' '' ' I @' ' IBK A' L24BC 2' B 'K3' ⁄ ▯ E' I 2' I 'EA2F2A ' 'C BE1' C 'F GF3▯ 1F' H23' ₣ N '33 E1' 1F2 ' '3KL 2FF' E2 'E' H 'K 2A' FB 'A3 ' A H2F1 E1' E' ' ' A F24 BE3 ' 'EA' 4@BO2A' KN' I @' @2 'N3' B ' 3 BE23 ' @ ' ' @ 2H23' 'EA' C KFA2F2F3' C 'G' EB ' 'O2' F2 K12' @2F2 ' 'EA' BFE'' '' NBNK ' BE' KEA2F' BC 2 ' 2H2E' IBF32' @'E' @' ' I @ 4@' H23' L2 I 22E' ' 'EA' @2' 3KE!' * F 'H23 ' 1F 'H23 ' 1F 'H23▯ 1F 'H23' B ' C 2E ' B ' IBC 2E ' B ' 2' 4@ AF2E ' I@B' F'E' 4FG E1' B' @2' N2F324K BF3 ' ⁄ 2' 'F2' @F 3 'E3' ⁄ I 2' 'F2' @F 3 'E3 ⁄▯ @' ' @2G' C 1@ ' L2' C KFA2F2A' I @' @2 F' N 'F2E 3' ▯ 1F 'H23' I @' @2' N ' C' B ' 'F G ABC' FBK1@ G' 4K ' E B' @2 F' 3 BE2' LBKEA 'F 23 ' 'EA' 2' E 4@23 ' C 'A2' B' @B A' '' H2332 ' B ' @2' C ' F GF▯3' L BBA' ▯ 1F 'H23' B ' 3BC 2' I@B' H2A' ABIE' @2 ^ ' BF' G2 'F3' B12 @2F ' C E 3 2F E1' B' @2' F23 ' 'EA' NF2 '4@ E1' FK @' 'EA' @BN2 ' 'EA' 4BC BF ' FBC' @2' E A2' ' 'F3 ' @' ' L2 'F' I E233' B' @2 F' BF KA2' ' ' @ 3' @BKF' ▯ CBF2' FBBC G' 1F 'H23 ' LK ' 'F' C BF2' 2FF L 2 ' I @2F2' @KEAF2A3 ' L2 E1' 3KFNF 32A ' I 2F2' @2 C C 2A' E' 'EA' I ' 2A' KN 'R' L I 2A' L2 BF2' A2' @' 'EA' O 2A' LG' 3 B I ' 3 'FH' BE!

?' / @2' F KCN@3' B ' @2' ' @' 'F2' EB ' ' LBH2' 1FBKEA' E' BKF' 3N 2EA A' 4@KF4@23 ▯ 3' A' @2' F 'F' BBO E1' FBKEA' KNBE' K3 ' '3' I 2' 3 BNN2A' B' F2!3 ' E' BE2' B ' @2' B I 'N' 33 '123 ' I @' LBE23' 'EA' AK3 ' 3KFFBKEA E1' K3' BE' 2H2FG' 3 A2!' ⁄' @2G' 'F2' @2F2' ' ' CBE1' @2' C 'F GF3▯ 1F 'H23' ⁄ ▯ 2' I '3' '' 12E 2 ' 2 'FE23 ' C 'E ' 'EA' 3 ' A' ' FBC' @ 3' @2 'F ▯ LK ' I @2E' ' @BK1@ ' @B I ' @F 3 'E' C 2E' @ 'H2' A2 ' ' I @' BE2' ' EB @2F▯' @_ ' N2FH2F E1' BKF' C B3 ' C 2F4 K ' F2 1 BE ' @2G' @ 'H2' @KE 2A' ABIE' 'EA' BF KF2A ' LKFE ' 'EA' L2@2 ' A2A ' 3 F 'E1 2A ' 3 'K1@ 2F2A ' 'EA' BNNF2332A' 2 '4@' B @2F' ▯ 'N 4 KF2A' B' C G32 ''E' '1BEG' 3KFN '33 E1' 'EG' @' ' @ 3') K3 ' @ ' A' 3K 2F2A' I @' @2' LF2' @' B ' 2' G2 ' E12F E1' E' ' 'EA' @BI ' @232' 1F2 ' ' 'EA' 4BE3 ' E ' @2 'F 3' I BK A' @ 'H2' L22E' 3 KO2E% @BI ' @2G' I BK A' @ 'H2' SK ' 2A' 'EA' AFBBN2A% ' '' BF2"OEB I 2A12' B ' @2' A22A3' @' ' NFB 233 E1' @F 3 'E3' I BK A' 4BC C ' E' @2' 1F2 ' ' E 'C2' BF' I @ 4@' @2G' A 2A ' 4BK A' @ 'H2' F2E ' @2C' I @' 3' BIE' KEK 2F' L 2' 'E1K @ ' BE' @2' 4C 2 ' I @22 ' 'EA' L 2F' 4FB33 ' 'EA' E' @2' 2 'F K ' F2!J% - !$

?' BKE 233' C 'F GF3 ' @2G' 3 'G ' F23 ' E' @232' 'E4 2E ' 32NK 4@F23!' E' @232' A 'FO' A2N @3' @2' 'E4 2E ' @KF4@' BBO' F2 K12' FBC ' N2F324K BE▯ @2F2' 3@2' ' A' @2F' C 'F GF3 ' 'EA' @2F2 ' BH2F' @2 F' C L3 ' 3@2' 4@ 'KE 2A' @GCE3' B ' F KCN@ ' 'EA' @2 A' 4BC CKE BE' I @' C ' BFVI@BC' @2G' A 2A!' E' @' '4@KF4@' ' 3N2EA' @BKF3!' ' @ 'H2' EB' I 3@' B' A2342EA' E B' @B32' 3 '4F2A' 32NK 4@F23 ' 'EA' NFG' ' CBE1' @2' 1F 'H23' @2' F23KFF24 BE' FKCN' I

BN2E' 3BBE' 2EBK1@!' ' O2' B' @ EO' B ' @2' @B G' A2' A ' G E1' KEA 3 KFL2A' 'EA' SK 2 ' @2F2' B ' @2 F' 3N F 3' E' ('F' A 32 B ' @2 F' ' @' F KCN@' E ' E' @2' 4 G' @' ' C '33' 4F2A' @2C!

?' B' ABKL ' @2G' ' 3B' @' A' @2 F' N2FN 2M 23 ' 'EA' I BEA2F2A' I @G' @2' I 4O2A' F KCN@' ' 'EA' 3 1@2A' B' * BA ' / B I ' BE1 ' ' BFA ' @B I ' BE1R' J' % -% U%!U& ## ') * "

?' EA' I @2E' @2' @' A' BN2E2A' @2' @' 32 ' ' '3 ' I ' KEA2F' @2' ' 'F' @2' K 3' B ' @2C ' @' ' I 2F2' 3 ' E' BF' @2' I BFA' B ' * BA ' 'EA' BF' @2' 23 CBEG' I @ 4@' @2G' @2 A' 'EA' @2G' 4F 2A' I @' '' BKA' HB 42 ' 3' G E1 ' B I ' BE1 ' ' BFA ' @B G' 'EA' FK2 ' AB3 ' @BK' EB ' KA12' 'EA' 'H2E12' BKF' L BBA' BE' @2C' @' ' A I 2 ' BE' @2' 2 ' F @R' EA' I @ 2' FB H23' I 2F2' 1 H2E' KE B' 2H2FG' BE2' B ' @2C ' 'EA' ' I ' 3' 3' A' KE B' @2C ' @' ' @2G' 3@BK A' F23 ' G2 ' BF' '' 2' 32 ' 3BE ' KE ' @2 F' 2 B I "32FH' E 3' ' 3B' EA' @2 F' LF2 @F2E' @' ' 3@BK A' L2 ' O 2A' '3' @2G' I 2F2 ' 3@BK A' L2 ' K 2A!J% !*' H !' 8" !

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E' @2' H' 2G' L2E2' @' ! 2L' 3 'EB' 'F2' @2' FK E3' B ' @2' 86' ' 7F 0 86 ' E2' F' @B32' B ' '' H '' B ' @' ' 2CN2FBF!' @2' 4 F4K3' I '3' :,9' 22 ' BE1 ' 9 : :' 21 ' 2FB' A' 'EA' I '3' 4' N' L 2' B ' 4BE ' E E1' \ <<< 3N24 ' BF3 ' G2 ' ' 3' '' C E ' KF2' 4BCN' F2A' I @' @2' F4K3' 'M CK3 ' @BK1@' H2FG' E 2F23 E1' '3' F2 ' E E1' E' B 2F' L 2' NF232FH' BE' ' ' @2' A 2F2E ' N' F 3' I @ 4@' 4BCNB32A' '' 4 F4K3!' @2' 4 F4K 'F' FK E' E2' F' ' I '3' '' 9# ' A2A 4 ' 2A' 'M2E K3' B' @ 3' 3BE' BCK K3!

?' 2' 2KE2' BCK K3 ' 2 'E ' CBF ' ' N ' 42 ' 'K' F' E1' A23' A 2KM ' A' E3' 42 ' B GCN2' SK ' 3 24FBK ' !' BE' N2F2' K ' 2 2H ' 'KE' 2CN 2' ABE ' '' N' F 2' E 2F 2KF2' 32' HB ' 2E4BF2 ' 2 ' 2' 4 FSK2' K "C 2C 2' K ' N2K "2 F2' KE2' A2'" N2EA ' E42' A2' 42' 2CN 2' KE2LF2 ' 4 ' F' 23' 4S F323' A2' 4@ ' F3' 2 ' 2E ' KE' A23' @BEE2KF2' SK2' E SK 2' F2EA ' ' 'KM' C BF 3 ' 2 ' 3BE ' 3BKH2E ' NBKF' 42' '' F2NF232E 223' 3KF' 23' BC L2 ' KM!J% 3 '! !.' /$ ' ' ! 7;<!

@232' FK E3' 'F2' H2FG' N KF23SKL ' L ' 4O2A' LG' @2' N2 ' O3' B ' @2' 'L E2' F' E12 ' I @ 4@' E' I E 2F' 'F2' 12E2F' G' 4BH2F2A' I @' 3EB I!

@2' BNNB3 ' @ ' 3' 4FB I E2A' LG' @2' I' ' # 7' 0 ##$ ' A' K1@ 2F' B ' >K E K3 [' 2 2 K3' F2 4K3 ' 'EA' I 2' B ' F' 33K3!' ' 3' '' FBKEA' B I 2F ' 32H2E G' 22 ' E' A ' C2 2F!

4? ')' / ' /' / '

@2' LK 3{ @2 'A3' BE' @2' F 2P2' 1 'H2' ' @2' NBNK 'F' E 'C2' B ' 'NB' A ' BH2!' @2' C 'FL 2' 4B' E1' B ' @2' L '32C2E ' I '3' 4 'FF 2A' B ' LG' $FL 'E' !' B' C 'O2' @2' BKE ' E' B ' 2H !' @2' L' 2C2E 3' I 2F2' 'AA2A' I @2E' @2' BCL' I '3 ' KFE2A' E B' '' BF F233' LG' @2' '2 'E 3' E' @2' @ F 22E @' 42E KFG!

?' LBK ' I B' C 23 ' BF' C BF2 ' FBC' @2' 4 G' 1 ' 23 ' 'EA' F 1@ ' KNBE' @2' FB 'A3 A2 ' 3' 'E' C C 2E32' FBKEA' N 2 ' 32NK 4@F' ' E' 3' BF 1 E ' ' NKFNB32 ' O2' @B32' ' F2 'AG' C 2E BE2A!' ' 3' LK 'B '1F2' 'L B4O3' B '@2 I E' 3 BE2 ' BE' '' H ' 3 ' 3SK 'F2' BKEA ' BE' B 'FBK1@ ' '11 BC 2 K 2A' C ' 2F ' ' 3K4@' '3' 4B C NB323' @2' C '33' B ' ' ' @2' B @2F' FK EBK3' BCL3!' K ' I @' 2H2F' C 1@ ' L2' @2' 4 'K32 ' ' 3' F '' 'F' L2 2F' 3 ' 2' B 'NF232FH ' BE' @ 'E' @2G!' E' 3' LFB 'A' 3KC C 'F 32' @2' L ' 2C2E 3' B ' '' C 2A 32H ' ' BF F233 ' BK ' B ' @2' C A3 ' B ' I @ 4@' 3B' BE1' 3 E42 'A' C 2' L21KE' B' 4FKCL 2' @2' 3KNN 2T C 2E ' ' 3 FK4 KF2 ' 'EA' 4BH2F' ' I @' 3B ' LG' C 2' E3' B ' I 'G3 A2' AK3 ' 1FB I ' F223 ' LK3@23 ' 'EA' @ 4O' 23 BBE3' B ' HG!' @ 3' BCL' B ' '' I BC 'E' @ ' 3' L24BC 2' @2' AKE12BE" O22N' B ' '' 4 ' 3 2O' 'EA' ' ' @2' 4 'F2' @ ' ' 24 '' 2 2 '{3' @K3L 'EA' 4BK 4OL23 B I ' B' 324KF2' 2EA 233' N2 ' 42' BF' @2F' L2 BH2A' F2 43 ' BE G' 3K 2F2A' B' C 'O2' @ ' '@ 'EA K ' B 'NF24 BK3' '3@23' @2' EK4 2K3' ! B 'L' 23 ' BE1' '123' ' 2F' @2F' A2' @!' J% +#% $!

?' @2F2' 3' '' 3 2FE' FBKEA¡ B I 2F' B 'B @2F' A ' G3!
FC' '3' '' BF F233 ' I @' 3' 2E42' B '3 BE2!
K4@' '3' 'E' 'FC G{3' L' 2A' 3 F2E1 @' A2 ' G3!
'EA E1' I @' @ ' ' 3' L' 2C2E 3' ' BE2
EA' I @' I B' @BK3' EA' G2' F3' B ' HG' 1FB I E!
@2' 1 'F ' EA' B '2 2FE G ' I @2F2' I ' H2
@2' 1F22E' 2 'H23' BH2F' ' ' LG' C 2' B{2F @FB I E D%
@ ' ' I '3' @ 3' B I 2F '3 F2E1 @' R I @ E' 3' 4 'H2'
@ ' ' F2 '3KF2' 'G' 3B' B4O{A ' 3B' @ A' R% '' I BC ' E{3' 1F 'H2!

?' K ' I @B' I ' 3' 3@2 ' @2' 'AG' B ' @2' A2 ' A!
BC L{A' E' '' N ' ' 42R' '3' 3@ 4@ ' 3 2' ' EA' ' FR
BF @G' '' O E1{3% BF' C BF2% '' BC ' E{3' L2AR
@ ' ' F ' 42' B '4@ 2 3' ' EA' @2FB23' A A' 3@2' L2 ' F' R
@ ' ' A ' K1@ 2F' B '@2F' L2 ' K 23' I ' 3' @2' @2 F' R
B I ' H2A% @B I ' BH2A% @B I ' A 2A' 3@2' R '3@2' EB '
B' @BEBKF2A% 'EA' 4BE3N 4KBK3 G' @2F2 '
@2F2' C 2 ' E2F' F2 43' CK3 ' CU ' 'F2' B' FB !
('42A' B' 4BC C 2C BF' 2' '' C BF2' @' E' C BF ' ' B 'R

/'f (2F4@'E42'3@2'A 2A'E'GBK @'0 'C'G'L2'LBI0A'
@'IB23' 'F'@2'H 2F' @'E' @2'NBEA2FBK3' BCL'
@' ' I 2 1@0A'KNBE'@2F'12E 2'AK3 ' ''4 BKA'
1 '1' @2F'B02F'@2F'L2'K G' 'EA' ''1 BBC'
E'@2F'A'FO'2G2'NFBN@2 4'B ' @2'ABBC'
2'H2E'1 H23' 3' 'HBKF 23% 2'F G'A2' @'0 G2 '3@2A'
'3KE32'4@'FC' 'FBKEA'@2F' 'EA' KC2'
@'@24 4' 1@ ' @2' 23N2FK3'B ' @2'A2'A!
'@2F'4BE3KC E1'4@220' @2' 'K KCE' ' 2' " O2'F2A!

?' (2F4@'E42'3@2'A 2A'E' '12% 3KFH H E1' ' !
@'FC3'O EAF2A'4@ AF2E% I @' @2'3 H2F'1F2G'
E'@2F' BE1' F23323' I @ 4@' C 1@'G2 'F24' !
'C'G'L2'3 ' ''3BC2 @ E1'B ' @2tA'G'
@2E' @2G' I 2F2'LF' A2A' 'E '@2F'NFBKA' 'FF'G'
EA' BH2 G' BFC' I 2F2'2EH 2A' NF' 32A' 'EA'2G2A'
G' BC 2% LK' I @ @2F' I BK A' BE 24 KF2'3 F'G'R
@K3'CK4@' 'BE2' I 2'OEB I % 2 2 ''A 2A!
@2' I t2' @ 23' BC'E03' I 2'0 2@B A'@ [' BH2'BF'NF A2XJ
' %"5!' "5

B32' B' @2' BCL' 'F2' @2' FK E3' B ' ''1B @ 4' 4@KF4@' B ' @2' '2 'E !' =

? 2' BCL2'K' A2' 24 '" 2 2 '' 2 ' ' A2H2EK' KE' 4@' 2'K' BF ' ' BF3' 'KM' C ' E3' A23' '2 E ' 2 ' 'K BKF' AK' 4@' 2'K' 3Q2 ' ' BFC2' KE' H '12' 'H24' 3BE' 21 32' ABE ' B@' '' F&2C C 2E ' F2 FBKH2' 23'F23 23!J % 3'! !.' 9 &!' U#! 0$!

' 3' ' ' 24 '' 2 2 '03' BCL' @' ' @2' L2'K 23' B ' @2' '' NN '' F2' G' L21 E!' 'H2FG' 3@BF ' A 3 'E42' KF @2F' I 2' 2C2F12' FBC' @2' I ' 3' I @ 4@' @'H2' @ @2F B' 3@K ' E' @2' FB'A' BE' 2 @2F' 3 A2 ' 'EA' 2E +G' KE E 2FFKN 2A' H 2I3' BH2F' @2' ' E' N ' E ' 3 F2 I E' I @' 63 FK E2A' 4'3 23' 'EA' H '123% 'EA' @2' BE1' E23' B ' 'SK2AK4 3 ' B' @2' 'L E2' 'EA' L'E' CBKE ' E3!' =

? @2' '' NN '' 3' '' E '1E 42E ' NFBC2E'A2' 'CBE13 ' FK EBK3' BCL3 ' @2' C '33 H2' F2C ' E3' B ' I @ 4@' 2M 2EA' BF' C 'EG' C 23' BH2F' @2

? ')

BC 'E' 'CN'1E'!' @2' NBI2F K' 'C 23' B' 'E4 2E' BC2' BH2A' B' LK A' CBEKC2E 3' B' @2 F'A2'A'LG' @2' 3 A2' B' @2' NKL 4' FB'A' NFBL'L G' B' 2M@ L ' ' 'BE42' @2 F' ' 24 BE' BF' @2 F'F2 ' BE3' 'EA' @2 F' BI E' NBI 2F' 'EA' ' K2E42!' B3 ' B ' @232' CBEKC2E 3' 'F2' EB I C B @ E ' LK '@2 ' N3' B ' FK E3 ' KNBE' I @ 4@' 'F2' N '42A' @2' 3 ' K23' 'EA' 34K N KF23' I C 4@' @ 'H2' L22E' BKEA' E' @2' 2' F @' BF' ' CBE13 ' @2' FKLL 3@!' @B32' E34F N BE3' I @ 4@' @ 'H2' L22E' BKEA' BE' @2' '' NN '' L2 ' F' I E233' B' @2' 1F 2 'B ' @2' H E1' BF' @2' A2 ' A ' LK ' E2H2F' B' @2' @BN2' B ' F2KE BE!' E' '' 1F2' ' EKCL2F' B ' 3 ' F4BN@ ' 1 ' BF' @2' F 2P23' B ' BCL3' C 'G' L2 ' 322E' @2' A2 ' A' 3 E1' BF' G E1' ' 3' ' @2G' I 2F2' ' H2 ' 3BC2' 322C' B' L2' NF' G E1!' 'EG' @2' A3' 'H2' 1F2 ' ' EA H AK' G' B '4@' F' 4 2F!' BC 2 C 23' '' I @ 2' C 'FL 2' 1KF2' L2 ' K K G' AF' N2A ' NFB 24 3' FBC' @232' @2 ' N3' B ' FK E3 ' LK ' I @T BK ' @2 ' A' BF' @ ' EA3' D 3BC 2 E23' '' @ ' EA' 3' 3 F2 4@2A' BK ' BF' '' NBF BE' B ' '' 1KF2' F 323' FBC' @2' BCL!' ' 3' '' 3 F22 ' @FBK1@' CBEKC2E 3' B ' @2' A2 ' A ' '4FB33' 'E' CC2E32' 4@KF4@ +FA' D BF' @2' A23B ' 2' BC 'E' 'CN'1E'' C 'G' L2' F21 'FA2A' '3' 3K4@!' B' @2' 2 ' ' 3' 34' 2F2A' I @' @2' FK E3' B ' 4B B33' ' 'SK2AK4 3 ' I @ 4@ ' AKF E1' @2' C2' B ' @2' 2CN2FBF3 ' 4BEH2G2A' 'O23' 'EA' F H2F3' B' BC2 ' 'EA' I @ 4@' 3 ' FK EBK3' 'EA' A23 FBG2A ' A2 1@ ' @2' 2G2' LG' 2' 2 'K K ' NFBNBF BE3' B ' @2 F' 'F4 'A23!' B' @2' F 1@ ' 3' 'E' CC2E32' NF' F 2 ' I @BK ' 'EG' B @2F' C ' @ 'E' @ ' ' B ' @2' B42 'E ' I @ 4@ ' @B I 2H2F ' 3' EB ' 322E' FBC' !' @2' 4BKE FG' 3' A23B ' 2 ' 'EA' BE G' @2F2' 'EA' @2F2' 'F2' @2F2' 'EG' @K 3' BF' F223' B' L2' 322E!J% ' 7') -5! ' !3!

H BF' @2' 3N'42' B ' '' C 2' BF' IB' L2GBEA' @2' 1' 2' B ' !' 2L'3 'EB ' @ 3' 'E4 2E ' 'EA' 'CBK3' FB'A' 3' '3' A23B ' 2' 'EA' A '1F22' L 2' ' 'CB3 ' B ' @2' B @2F' BC 'E' 'H2EK23!' ' 2M 2EA3' BH2F' 3C ' ' KE4BC BF 'L 2' N 'H E1"3 BE23 ' L2 I 22E' LF 4O' 'EA' N '3 2F2A' I ' 3 ' 6I @ 4@' 'F2' H2FG' 3B A G' 4BE3 FK4 2A ' 'EA' 3B' @ 1@' '3' ' CB3 ' B' 2M4 KA2' '' H 2 I ' B ' @2' 3KFFBKEA E1' 4BKE FG!' @2' @BK323' 'F2' B ' @2' CB3 ' KE EH E1' '3N24 ' E2 @2F' N 4 KF23SK2 ' EBF' @BE O2' 'EA' 3B4 ' D @2G' @ 'H2' 32 ABC' BF' E2H2F' '' ABBF' BN2E E1' BE' @2' I 'G3 A2 ' LK ' 'F2' '44233 L 2' BE G' FBC' @2' F2 'F' 'EA' FB I E' E@B3N 'L G' KNBE' @2' F' H2 2F' @FBK1@' FBE"1F' 2A' I EAB I 3!' 2F2' 'EA' @2F2' 'NN2' F3' '' AF2 'FG' EE ' BF' '' I E2"3@BN ' A23 1T E' 2A' LG' @2' I @2F2A' LK3@' L23 A2' 2' 2E F'E42 ' I @ E' I @ 4@' GBK' A 34BH2F' '' 3 BE2"LK ' 'EA' 32NK 4@F' ' E 2F BF ' I @2F2' 1K23 3' F2 F23@' @2C 32 H23' I @' 3BKF' LF2 'A' 'EA' 1B' 3"C O' 4@2232 ' I '3@2A' AB I E' I @' I E2' B 'AB BFBK3' '42FL G!

?' ' F2SK2E ' E 2FH' 3' ' BE1' @2' FB'A"3 A2 ' KN' F 323' @2' FK E' B ' 'E' 'E4 2E ' BCL!' 3' @2G' 3 'EA' EB I ' @232' 3 FK4 KF23' 'F2' CC2E32 G' @ 1@' 'EA' LFBO2E' CBKEA3' B ' 4BE1 BC 2F' 2A' LF 4O ' 3 BE2 ' N2LL 23 ' ' EA

2'F @' ' 'CB 2E'@G' C2' E B'' C'33' '3' 3B A' 'EA' EA23 FK4 L 2' '3' '
2'4@' BCL' I 2F2' 4BC NB32A' B ' '' 3 E1 2'LBK A2F'B ' 1F'E 2!' @2E' F3 '
2F24 2A ' @2G' I 2F2' 4'32A' 2M 2FE' G 'EB' ABKL ' I @' 3 'L3' B 'NB 3@2A'
C 'FL 2' 'F K ' I FBK1@ 'L '3"F2 2 3' 'EA' ' '3K4@' 3K 'L 2' 'ABFEC 2E 3 '
'EA' I 2F['F2EA2F2A' C ' 23 4' G' L2 'K K ' LG' 1F'EA' 'F4@ 24 KF' ' A2T
3 1E3!' @ 3' 'E SK2' 3N 2EABKF' @ '3' BE1' 3 E42' L22E' 3 B 2E' FBC' @2'
A2'A ' B' A24BF' 2' @2' N' '423' 'EA' 4@KF4@23' B ' @2' H E1!' B @ E1'
F2C ' E3' B' @2' A 3@BEBKF2A' 32NK 4@F23 ' 2M42N ' @2 F' C '33 H2E233!

f! H2E' @2'NGF' C A3' BFC' @ 'FA G' '' 3 F'E12F' 3N24 '4 2 ' BF' '' CBF2 ' ' 2E'
FBC' @KC 'E' 3GCN' @ 23 ' @ 'E' @2' BCL3' B ' @2' NN 'E' 'G ' I @' @2 F'
1 1 'E 4' @2 1@ ' LF2 'A @ ' 'EA' 3B A G ' A2 G E1' C2' 'EA' @2' 2 2C 2E 3 '
'EA' 'F' BB' C 1@ G' B' L2' A2CB 3@2A' LG' 'E' BFA E 'FG' 2 'F @SK' O2!' 2F2'
GBK' C 'G' 322' '' CBA2C' A I 2 E1 ' 'EA' '' 1' "A2E' I @' 3' H E23' 'EA' B H2"'
F223 ' N2F4@2A' BE' @2' B G' A 'N A ' BE' B ' '' BCL ' I @ 4@' BFC3' '' NF24 T
N 42' B ' G' 22 ' E' A2N @' BE' 2 '4@' B ' @ BKF' 3 A23!' @2F2' 3' '' @BK32' BE'
@' ' KE2F' ' CBKEA ' I @2F2' 12E2F' BE3' B ' 4@ AF2E' @ 'H2' L22E' LBFE '
'EA' 3K44233 H2' H23' @ 'H2' L22E' 3N2E ' KEA 3 KFL2A' LG' @2' 1@B3 ' B ' @2'
3 2C' BC 'E' I @B32' '3@23' I 2F2' 3B' NF2NB3 2FBK3 G' LKFA2E2A!' @2F'
32NK 4@F23' I i2 'F' '' 4FB I E' B ' 1F'33 ' 3@F' LL2 G ' 'EA BF23 " F223 ' I @ 4@'
@FB I ' BK ' '' LFB 'A' 3 I 22N' B ' LF' E4@23 ' @ 'H E1' @ 'A' C2 ' I 42' BH2F ' B'
L2' '' @BK3 'EA' G2 'F3' B ' '12!' E' BE2' B ' @2C ' 3 'EA3' '' B I 2F ' I @ 4@ '
@BK1@' C C2CBF ' G' CBF2' CBA2C' @ 'E' @2' BCL ' I '3' 32 ' LK ' LG'
C C2CBF ' '@ 'EA3 ' 'EA' 3' EB I 'F 2A' SK 2' FBC' BN' B' LB BC 'LG' '' H '3 ' ±
33KF2' B 'A24 'G' @2' BCL"@ B4O ' 3' BKEA ' BE ' L2 E1' 3 ' '3' FC' '3'
2H2F ' 'EA' O2 G' B' 2EAKF2' KE ' @2' '3 ' FKCN' 3@' ' F2EA' ' I A2'
'3KEA2F ' 'EA' 3KC CB BF @' 3' KEOEB I E' A2 'A!

? 23 ' 3' KE G B I E' A2 ' AX' BF ' 2M42N ' E' BE2' BF' I B' ABKL K '
E3 'E423 ' @232' CBKE ' EBK3' 32NK 4@F' ' 2A 423' @ 'H2' EB ' 'H' 2A' B'
O22N' 3B' CK4@' '3' @2' L 'F2' E ' C 2' B ' 'E' EA H AK ' ' BF' '' 'C G' FBC' BL T
H BE!' CL BK3' B ' 2H2F '3 E1' F2C LF'E42' '3' @2G' I 2F2 ' @2'
3 CEL2F2F3' C 1@ ' K3 ' '3' I 2 ' @ 'H2' /1BE2' SK 2 G' B' F23 ' 2 '4@' E' @ 3'
N 12BE"@B 2' B ' '' 4B KCL' F KC ' BF' KEA2F' @ 3' 2' 1F22E' @ B4O ' E' ''
1F' H2G 'FA ' I @BK ' '' @2 'A3 BE2' B' C 'FO' @2' 3NB ! ' 3' F' @2F' 3 ' 4T
BFG' @ 'E' B @2FI 32 ' B' @ EO' @U ' ' ' @232' A 2' N ' E3' @ 'H2' KFE2A' BK '
3B' K 2F G' 'LBF H2!J% * #% $-

2'F' @2' BKF @' C 23 BE2 ' 3' @2' BCL' B ' 'F4K3' 2FH K3'
>K'F K3' I @' E' E34F N BE ' F23 BF2A' LG' 'EBH' ' E' ,<,!'
' L'3"F2 2 ' B ' @2' A2' @' _ ' G3 ' O 2A' LG' AF'3 K3 ' ''
3@BF ' A 3 'E42' L2GBEA' @ 3 ' @ '3' L22E' 3K1123 2A' '3' N'F ' B

@2' BCL' B ' 2E24' ' I@B' I '3' NK ' B' A2' @' /E2 'F' @2' BKF @' C 23 BE2() LG' BFA2F' B ' 2FB!' E' E34F L2A' BCL' L2GBEA' @ 3' 3' @' ' B ' 2M K3' (BCN2 K3' UK3 K3!' =' =

2 'F' @ 3 ' E' @2' 4 'CN '1E'' BE' @2' 2 ' 'F2' 3B 2' 3C ' ' F2C ' E3 ' 3KNNB32A' B' L2' @B32' B ' '' 2CN 2' B 'UKEB!

2GBEA' @ 3' ' ' EKCL2F' B ' BCL3' 4 'E' L2' A2E 2A ' LK ' EBE2' B ' 'EG' CNBF 'E42!' K4@' 'F2' @2' BCL3' B ' (E K3' K G4@ K3 ' 2F24 2A' LG' (E K3' `B3 CK3 ' '' F22AC 'E' B ' (EG' @2' GBKE12F() B ' ' K3' 4 E K3() @2') BF 4' BCL' B ' @2' 'M"1' @2F2F' 'KA K3' (@ NN 'EK3 ' E34F L2A' ? B' ! 'KA B' ! 24KEAB' ! ()@ NN 'EB' ! B '4 BF ! 'H '! F2E2!' MBF ' EAK 12E 33 C B ' 'L E K3' I @' @F22' LK3 3' E' F2 2 () B ' 2FCBABFK3' () B ' 3 '' (F C ' ' NF 23 233' B ' 3 3()' B ' 'F4K3' !' 2FABEK3 ' I @' @2' L '3"F2 2 ' B ' 'E' 2 2N@ 'E ' L2 'F E1' '' LKFE 1' ' 'F!

2GBEA' @2' @' C 23 BE2 ' IB' 4 F4K 'F' CBKEA3' I @' L'32C2E 3' B ' N2N2F EB ' I2F2' 4BE3 A2F2A' LG' 'E E'' B' L2' ' @2' BCL3' B ' @2' BF' ' 'EA' KF ' !

E' @2' BNNB3 2' 3 A2' B ' @2' FB 'A' 3' @2' 2M422A E1 G' N 4T KF23SK2' C 2A 2H ' ' BF F233 ' OEB I E' '3' - ' 447' 0 7$7 ' E B' I @ 4@' 'F2' E4BFNBF' 2A' @2' F2C ' E3' B ' @2' @KF4@' B ' '!' 'F '' KBH ' ' BF' A2 '' * BF '!' 2@ EA' @ 3' 2M 2EA ' '' H '3 ' '332CL '12' B ' FK E3 ' I @ 4@' BFC' '' 3N 2EA A' BF21FBKEA' B' @2' A 3 'E ' CBKE ' E' H 2 I ' 'EA' I @B32' 3 P2' @'3' 2A' B' @2 F' F242 H E1' @2' NBNK 'F' 2N @2 ' B ' 7') @ 7 ' 2F2' I '3' @2' 'HBKF 2' H '' B ' @2' CN2FBF' BCCBAK3 ' I @2F2' @2' I '3' F23 A E1 ' I @2E' @2' N2BN 2 ' 2M4 2A' LG' '' 3KAA2E' CT NK 32' AKF E1' @2' 1 'C23' B ' @2' F4K3 ' FB32' 'EA' NBKF2A' BK ' B ' BC2' '1' E3 ' @ C% '3' @2' E@ 'L 'E 3' B ' ('F 3' B' 2F'' 3' 23 ' 'EA' F2 K32A' B' A2N 'F ' 2FF 2A' E B' '4 BE' LG' @2' 2E F2' 23' B '@ 3' 4BE4KL E2' 'F4 ' '@2' B332A' @2' @2 'A' B

@2' KENBNK 'F' 2'EA2F' B' @2C' BK ' B ' @2' I EABI ' 'EA' @'A' @2' LF' E3' B ' @' ' C E3 2F◊3 4@ A' A'3@2A' BK ' '1' E3 ' @2' 3 BE23!' ! @ 3' H '' 3' NFBH2A' LG' @2' A 34BH2FG' B ' '' EKCL2F' ; ' N N23' L2'F E1' @2 F' E'C23' B' @'H2' L22E' @' ' B ' @2' LFB @2F3' BEA 'EK3' 'EA' 'M CK3 ' B ' @2' 1F2' ' 'C G' B ' @2' >K E ' I @ 4@' I '3' 4BE 34' 2A' LG' BCCBAK3!

? ◊@ 3 B F2' A23' A2KM' F2F23' 23 ' E 2F233'E 2' 2 ' FBC 'E23SK2!' BEA T 'EK3' 2 ' 'M CK3' >K E K3' 2 ' 2E ' A 3 E1K23'N'F' ''34 2E42 ' 23' ' 2E 3' C ' F23 ' '' F 4 2332 ' 2 ' 3KF BK ' N'F' KE2' 2EAF2332' CK K2 2' SK ' E2' 3◊2 ' ' 'C ' 3' A2C2E 2!' 2FH'E ' B BKF3' 2E32CL 2 ' KE' 32' ' 3' ' 2' 2K 2E'E ' A2' 'K F2!' 2E' SK◊2 F'E12F3' '' BK 2' 4BE3N F' BE ' 2KF'H2F K' 23' ' 3BKN1BEE2F' A◊2 F2'N2K' 'HBF'L 23' ' BCCBA2'◊' 3' KF2E ' NFB34F 3' 2 ' CBKFKF2E ' 2E32CL 2' 4BCC2' 3' 'H ' 2E ' H24K!' ◊KE' A◊2KM' 'H ' 'KE' 3' EBCC2' 2M K3!' K'CBC2E ' A2' '' CBF ' A2' 3BE' N2F2' 2 ' A2' 3BE' BE4 2 ' 42' 3' 32' FBKH ' ' 2E' GF 2!' (2E3'E ' L 2E' SK2' 2' C2C2' 3BF ' ◊' 2EA ' ' 2 1E 'A2' CBKF F'NBKF' 3'KH2F'3''H 2!' 2M K3 ' 'NF23' 'HB F' LK' 3'E1' AK' 2HF2 ' CBE '' ' '4 2H ' '32' ' 33'' BCL2F' HBC ' 2 'E ' SK◊ ' ''H ' 'NF 3' 2 ' SK ' N'FK ' A F2' 3BE' NFBNF2' 3'E1!' E' C ' A'E3' 3'' L 2F2' 2' 4BFN3' A◊KE' L2 2F' SK ' N ' 33 '' NBKF' 3BE' 4 ' A ' HF2 ' 2 ' ' A 3N ' FK !') 2NK 3' 42' 2CN3 ' ' 2FF '' 3BK3' A H2F3' A21K 32C2E 3'◊' C ' 3' BE' 3K ' SK◊ ' ''H ' '24@ ' NN2 ' 2 ' BE' 32' C ' '3 '' F24@2F4@2!' 2 ' K4BKN' KF2E ' K23' N ' F42"SK◊ 3' K ' F2332CL ' 2E ' BK' N ' F42"SK◊ 3' 2 ' 2E ' 3BKN BEE23' A2' K ' ' HB F' ABEE2' '3 2!' ' E◊23 ' N '3' L 2E' 3KF' K◊ ' ' ' 2 2' ' 2 E ' S 2' 3 '' 2 2' 32' FBKH ' ' N ' FC ' 42 23' SK◊BE' 'NNBF '' '' BC 2' 2 ' SK BE' A ' 2 F2' '' 3◊ 2EE2!' 2' SK ' 23 ' 42F ' E ' 4◊23 ' SK◊' NF23' '' CBF ' A2' BCCBA2 ' KE' 'H2E KF 2F ' 2E 2' N ' F' '' L2 2' H '' 2 ' N ' F' 23' 1F ' EA23' F 4@23323' A23' > K E ' 32' ABEE '' NBKF' 2M K3' 2 ' F24 ' C '' 3BE' @2F '12!' ' N ' F' ' E2' N ' 3' ' HB F' C ' ESK2' A◊' AF2332' 2 ' ' HB F' 4BCC' 42 K ' NBKF' 2SK2 ' ' HBK K ' SK◊BE' 2' NF ' F' N ' F' 323' F2NBE323' ' 32' F'' F23"L 2E' A2' BK 23' 23' 2ESK2 23!' (2K "2 F2' 3◊2 ' " ' 2' 'H24' 2M K3' 2 ' ◊' H ' " ' '33'33 E2' 2E3K 2!' 2N2 A'E ' ◊2CN2F2KF' (2F E'M ' 3K4423"' 32KF' A2' BCCBA2 ' ◊' G ' E ' ' ' H2E F ' 2K ' ◊A22' A2' K ' N ' F 2F1F24!' 2' HF ' ' 2M K3' 4BEE ' 33 ' ' N ' F ' 2C2E ' 42 2' 'E1K2!' 2' 'KM' 2M K3 ' SK ' E2' 3 ' H ' ' N ' 3' 2' 1F24 ' F2NBEA ' BK ' A2' F' H2F3' 2 ' 3 '' F' KA2' K ' ' E3 ' A24BKH2F 2!J% /3 ':' !' 9\7!' [

E' @2' 2 ' B ' @2' '' NN ' ' 'NN2'F3' '' @K12' CBEKT C2E ' BE' '' E'FFBI ' L'32 ' 4' 2A' @2' BCL' B ' @2' 2 2 !' 2GBEA' @ 3 ' ' 2F' @2' ' C 23 BE2 ' 'F2' @2' BCL3' B

'33K3 'EA B (2F3 K3! @2 '3 BCL A2E 2A 3 @' B >K E K3 2FF'E K3! 2'F @2 E E @ C 23 BE2 3 ' BCL 3KNN4 22A B+L2 @' B * ' 2EK3 CN! 9;, I@B H2A 4 B32 LG E' ' H ' ' C A @2 FK E3 B I@ 4@? @2) 34BT LB K3 J I '3 A 34BH2F2A!

FBC @2 3 F2'C 4' 2A (BE 242 B E2'F @2 2E @ C 2T 3 BE2 @2 FB'A 1F'AK' G '342EA3 B L'EB N'33 E1 32H2F' ' 'F12 LK KEE'C2A BCL3! @2 3 2F ' A2 2 F' B44@ 2 B E3 @2 ' NN ' KBH'! B32 B @2 1' 2 B L'EB N'3323 BE @2 2 @2 ' BCL' F LK 2A B (BCN2G @2 *F2' E '44BFA'E42 I @ @2 3 ' 2C2E 'B (K 'F4@ 'EA E 3N 2 B @2 2N 1F'C B 'FFB '4 EK3 I@ 4@ 3 'G30%

?' 'FC BF2B' 4 E K3' KCK B' '42 0' ' ' B'N' 'D
(BC N2 K3'EK B'0 SK 3'NK 2 '2332') 2K+J'

CBE1 @2 C 'EG NFB4233 BE3 I@ 4@ @'H2 N'332A ' BE1 @ 3 FB'A N2F@'N3 @2 CB3 F2C'FO'L 2 @'H2 L22E @' L2'F E1 L'40 B BC2 @2 A2'A LBAG B G ' I@B A 2A ' (BPPKB ?' E' '1 2F I @ FBG' 'BFE'C2E 3 FKCN2 3 L2 BF2 @ C 'EA @BF32C2E L2@ EA0 J ' 'EA @2 KE2F' B K1K3 K3 I@B AG E1 ' B ' % & : I '3 LFBK1@ B BH 32 ' 'EA F2C' E2A @2F2 ' CBE @ E @2 3'E4 K'FG B @2 UK 'E 'C ' 2F I@ 4@ @2 O 1@ 3 LFBK1@ @2 LBAG E 3B 2CE NFB4233 BE B @ 3 N' '42 BE @2 (' ' E2!

K @FBK1@BK ' ' I ' O ' BE1 @2 NN 'E 'G @2 BE2 1F2' @F 3 'E E 2F23 ' B D@ 3 I BF A" 'CBK3 FB'A I B @2 @F 3 'E H 3 BF' BH2FNB I 2F ' B @2F3!

? EA'3B' I 2' I 2E ' B I 'FA' BC 2!'

? EA' FBC' @ 3E42 ' I@2E' @2' LF2 @F2E' @2'FA'B 'K3 @2G' 4'C 2' B' C 22 'K3' '3' 'F' '3' NN " BFKC ' 'EA' @2' @F22' 'H2FE3 0 I@BC' I@2E' ('K '3' I '@2' @'EO2A' * BA ' 'EA' AO'4BKF'12!

' CN2F2' 3 f BC! 5 ':<9!

// EA' I @2E' I 2' 4' C 2' B' BC 2 ' @2' 42E KF BE' A2 H2F2A' @2' NF 3BE2F3' B' @2' 4' N ' E' B ' @2' 1K' FA LK ' (' K ' I ' 3' 3K 2F2A' B' A I 2 ' LG' @ C32 ' I @' '' 3B A 2F' @' ' O2N ' @ C!J% MMH !' :" ;!' ' =

? ' 3' EB ' I @BK ' 3' C 'E B A' K323' B' F2C 2C L2F' @' ' 'C A3 ' @2' A C' 'EA' I 'H2F E1' F' A BE3' B ' ' 2F' C 23 ' BE2' 1KF2' ' ' 2 ' 3 ' 3 'EA3' BK ' 4 2 'F' 'EA' A 3 E4 ' 'EA' KEABKL 2A ' 'EA' @ 3' 1KF2' 3' @2' NB3 2' ('K !' 2 ' I @ ' 2H2F' I 2 ' C 'G' @ EO' 4BE42FE E1' 'EG' B @2F' 'NB3 2' BF' 'NB3 B 4' C 'E' E' 4BEE24 BE' I @' BC 2 ' @2 ' L2GBEA' '' 3@' ABI 'B ' '' ABKL ' 'NN2' F3' ' E' @2' 2 I ' 23 ' C 2E ' '3' @2F' 1F2 ' ' 2 ' 4@2F!' B' 4F 4 3C' BF' 342N 4 3C' B ' C BA2FE' C 23' @ ' 3' 2H2F' SK23 BE2A' @2' N2F 24 ' ' K @2E 4 G' B ' @' ' ' 3 ' 4@' N 2F' B ' @2' 4 3 ' I @ 4@' 1 H23' @2' '44BKE ' B ' @ 3' BKFE2G ' 3 '12' LG' 3 '12 ' ' @2' 32 ' BB ' I E' @2' I ' 3' B ' @2' 4 G!' B I 2H2F' CK4@' I 2' C 'G' L2' 4BC N2 2A' B' A 3 F' 3 ' ' E ' N ' F 4K ' F' F' A BE3' 4BE42FE E1' 3N24 ' ' B4 ' 23' B ' @ 3' 2' 'EA' A2 ' @ ' I 2' 4' EEB ' ABKL ' BF' '' C BC 2E ' @' ' @ 3' 2G2' F23 2A' BE' @2' 3' C 2' 12E2F' ' H 2 I ' B ' 3OG' 'EA' N ' E' 'EA' C BKE ' E' @' ' @ 3' 22 ' FBA' @2' N' H2C 2E ' B ' @2' 3' C 2' NN ' E' "B' A' @' ' @ 3' I ' G' 'G' @FBK1@' @2' 3 ' S 2' BE1' 'H2EK2' B ' ' E4 2E ' BC L3' BE' I @ 4@' I 2' EB I ' BBO' 'EA' I BEA2F @' F 2' 2E 2F2A' 'EA' @2F2' I 2' @ ' H2' BKF' '3 ' ' K @2E 4' 1 C N32' B '@ 3' NFB1F233 ' @FBK1@' @2' 'F4@' B ') FK3K3 ' ' EA' @2E' 3' B3 ' B' BKF' H 2 I ' E' @2' 1F2 ' ' 'LG BE' B ' BC 2!JrG !' ' # $"! 7 ' ! 3 $

' ?'. @2E' !' ('K ' I '3' 'NNFB' 4@ E1' BC 2 ' ' ' @2' L' 323' B ' @2C BKE" ' E3' I 2F2' '3' EA22A' @2G' 'F2' N ' F ' G' EB I ' 4 K3 2F2A' FBKEA' I @' @2' H '3' 'EA' 1' FA2E3' B ' I 2 ' @G' 4 P2E3!' @2' NN 'E' 'G' 4 C L3' 'EA' @2E' A2342EA3' ' BE1' 3' 3BK @2FE' 3 BN2!' 2KVN' 33 E1' ' 'KH KC' ' 4FB332A' ''4F' 2F" O2' H' 2G' BF' C C 2E32' 3KL3 FK4 BE3' I @ 4@' 3 'F2C ' E!' 2F2' 3' F 4 ' ' 'E' 2' 3G' 3 '12' FBC' BC 2!' @2' B I E' I '3' 'LBH2' @2' FB' A ' 'EA' BE' @2' @ 3 A2' 3 I ' FC3' B ' L211' F3' L232 ' F' H2 2F3' '3' @2G' N' 332A!' E' @2' 3K C C 'B ' @2' E2M ' F 32 ' ('K ' B ' 'F3K3' I BK A' BL ' E' @ 3' F3 'H 2 I ' B ' BC 2!' @2 ' 3' EB' ABKL ' @' ' @2' NFB3N24 ' I ' 3 ' E' C 'EG' F23N24 3 ' H2FG' A 2F2E ' FBC' @2' H 2 I ' I @ 4@' 3' EB I ' BL ' E2A' FBC' @2' 3 ' C 2' 3NB !' ' 3' FK2' @' ' @2' E ' KF' ' 2 ' KF23' B ' @2' 342E2' 'F2' KE' 2F2A!' @2' BE1' I ' 'B ' L K2' 'L E2' C BKE ' E3 ' I @' BF' 4 2' E' @2' A 3 'E42 ' 4 B32A' E' @2' 'CN ' 1E' ' I @ 4@' 3 F2 4@2A' 'F' '4FB33' B' @2' 32 ' '' EA' FBKEA' @2' L' 32' B ' @2' L' E' @ 3!' K ' 'E4 2E ' BC 2' I ' 3' EB ' O2' C BA2C' BC 2 ' ENF233 H2' FBC' 3' 3B KA2 ' 3 'EA E1' ' BE2 ' I @' 3' BE2' 4BE3N 4KBK3' 4KNB ' ' E' @2' C A3 ' B ' '' A23B ' 2'+ @BK1@' L2' K K ' I ' 3 2!' !' ('K ' I BK A' 322' '' H ' 3 ' 4 G ' 4BH2F E1' @2' 'CN ' 1E' ' 'EA' ' C B3 ' 4BE EKBK3 G' 4BEE24 2A' LG' 3' @ KFL3' I @' @2' H '3' BE' @2' @ ' I @2F2' @2' 3 BBA ' 'EA' I @' @2' LF 1@ ' B I E3' I @ 4@' 4 K3 2F2A' BE' @2' 3 A23

' ' /

B ' @2' C BKE ' E3' BNNB3 2!' H2F' ' ' @2' E 2FC 2A ' 2' 3N '42' I 2F2' @2' @BK323' 'EA' 1 'FA2E3 ' @FBK1@' I @ 4@' 'SK2AK4 3' 'EA' FB 'A3' C 1@ ' L2' F '42A' E' 4BE F1 E1' 123' B I 'FA3' @2' 4BE K32A' C '33' B '2A 423' I @ 4@' BFC 2A' @2' 4 G' B 'U BC 2!' 2F2' EB' 4BE3N 4KBK3' LK A E1 ' 2 2H ' 2A' 'LBH2' @2' F23 ' ' F '4 2A' @2' 2G2' BF' @2' C '1 E ' BE!' E4 2E ' BC 2' @ 'A' E2 @2F' 4KNB '' EBF' 4 'C N 'E 2 ' 3 ' 233' @ 'A' ' 'EG' B ' @B32' 3N F23' I @ 4@' 1 H2' 2' B' ' ' @2' 4 'N ' 3' B ' EBF @2FE' @F 3 2EABC!' ' I '3' '' H3AA2"3NF2 'A' '11 "21' 2' B 'LK A E13 ' I @ 4@ ' @BK1@' 32N 'F ' 2A' LG' E 'FFB I ' 3 F22 3' 'EA' BN2E' 3N '423 ' 'NN2 'F2A ' I @2E' 322E' FBC' E2 'F' F 4 ' ' L 2EA2A' E B' BE2' EA 34F C E ' 2' C '330 BF' A 3 'E42' 4BE42 ' 2A' @2' 4BE F '3 3' I @ 4@' A H A2A' @2' 4FB I A2A' @ 'L ' BE3' B ' @2' NBBF' 'EA' @2' A 'FO' @ 'KE 3' B ' @' 'EA' C 32FG% FBC' @2' @2' F23' 'EA' 4B BEE 'A23 ' @2' L ' @3 ' @2' 2C N 23 ' 'EA' N ' '423' I @' 1 A2A' FBB 3 ' '3@ E1 'L ' 4O' @2' 3K+!

?' @2' FB 'A' A2342EA2A' E B' @2' N ' E' ' ' BH 42 ' 3 M' C 23' FBC' F 4 'O 'EA' @2E42' ' NFB422A2A' E' ' '3 F ' 1@ ' E2 ' I @' @2' 32NK 4@F23' B ' K3T F BK3' 'C 23' BE' 2 @2F' @ 'EA!' E2' B ' @232' I '3' @2' LKF ' ' N '42' B ' @2' UK 'E' 12E3 ' I @' I @ 4@' @2' 42E KF BE' I @B' @ 'A' 4@ ' 12' B ' @2' NF 3BE2F3' I '3' E' 3BC 2' I 'G' 4BEE24 2A!' 3' @2G' NFB422A2A' BH2F' @2' B A' N 'H2C 2E ' 'C BE1' 1 'FA2E3' 'EA' C BA2C ' @BK323 ' 'EA' 'NNF3E4@2A' E2 'F2F' @2' LK3G' C 2 FBNB 3% @2' /4BE KM' 33K E1' BF @' BF' 2E 2F E1' E{ E' H 'F BK3' 4B3T KC 23' 'EA' BE' H 'F BK3' 2FF 'EA3 % H2@ 4 23 ' @BF32C 2E ' 'EA' BB "N ' 332E12F3 ' 3B A 2F3 ' 'EA' 'LBKF2F3 ' BC 'E3' 'EA' BF2 1E2F3 % L24 'C2' C BF2' 4FB I A2A' 'EA' 4BE K3 E1!' @2' @BK323' 1F2 I ' 4 B32F!' @2G' I 2F2' ' F2 'AG' E' BC 2!' ' I '3' C NB33 L 2' B' A2 E2' @2' 4BC C 2E42 C 2E 'B ' @2' 4 G!' 3' NBNK BK3' NBF BE3' M 2EA2A' 'F L2GBEA' @2' C 3' C 'FO2A' BK ' LG' 2FH K3!' @2' 'E4 2E ' I ' ' I @' 3' BE42' 3 '4F2A' NBC B2F KC ' I '3' F ' @2F' 'E' BL 24 ' BF' 'E SK 'F 'E' E 2F23 ' O2' @2' I ' 3' B ' BFO' BF' @23 2F ' @ 'E' 'EG' NFBT 24 BE' '1' E3 ' @2' 2E2C 23 ' I @B' I 2F2' O2N ' 'F ' BB 'LG' @2' 21 BE3' BE' @2' FBE 2F!

? 2 ' @2' (BF '' 'N2E '' 3' ''3NB ' I @ 4 [I 2' 4 'E' @ 'FA G' 2 'H2' I @BK ' E12F E1' BF' ''C BC 2E ! $EA2F' @ 3' 'F4@% I @ 4@' I '3' N2FN2 K' G' AF NN E1' I @' @2' I ' 2F' B ' @2' 'SK2AK4 ' @' ' I 2E ' BH2F' % @ 'A' N '332A' ' ' @B32' I @B ' 3 E42' ''F2C B 2' N2F BA' B ' 'F2NKL 4 ' @ 'A' F 'H2 2A' LG' @2' NN 'E' 'G % H 4 BF BK3' 12E2F' 3' I @' @2 F' 21 BE3 ' F2 KFE E1' FBC' BF2 1E' 32FH 42 % 2C N2FBF3' 'EA' 4BKF 2F3 ' H ' 1F ' E ' F2NF232E ' H23' B '2H2FG' BFC' B ' @2' @2E 3C ' * F2203' 'EA' 3 ' 43 ' U2 I 3' 'EA' @F 3 'E3!' FBC' @ 3' NB E ' 2E 2F E1' I @ E' @2' 4 G ' UK K3' 'EA' @ 3' NF 3BE2F3' C BH2A' BE ' I @' @2' H2E E2' BFF' @2 F' 2 ' 4 B32' FBKEA' @2' L '32' B ' @2' B2 'E ' 'EA' @FBK1@' @2' @B B I '1FBKEA' I @ 4 'G' L2 I 22E' @ 3' @ ' 'EA' @2' (' ' E20 @2E42' BH2F' @2' B I ' F A12' 4 ' 2A' 2 ' ' I @2F2' ' 2F I ' FA3' I '3' LK ' @2

') ' / ' 9 ' :<\

'F4@' B ' K3 ' B' 4BC C 2C BF' 2' @2' A23 FK4 BE' B 'U2FK3' 2C'⍰ 'EA' @2E' A2342EA E1 ' LG' @2' 9 ' - .' E B' @' ' 3N '42' I @ 4@' I '3' @2' 42E F2' B ' CN2F ' 'NB I 2F' 'EA' CN2F ' ' C '1FK 42E42 ' 'EA' '33B4 ' 2A' ' 3B' I @' @2' CB3 '1 BF BK3' F24B 24 BE3' B ' @2' F2NKL 4!' @2' BFK ' I '3' B BC 2 ' I @' ' @2' 4FBNB 3' I '3' B' @2E3 ' @2' @2 'F ' B ' ' ' @2' 4@ 'F '4 2F 3 4' E 2F23 'B ' @2' N '42!' ⍩ 2F2' I '3' @2' "' % 3' 1 !13.' B' I @ 4@' @2' FB 'A3' B ' ' ' 2' NFBH E423' 4BEH2F12A!' ' 'FBKEA' I 2F2' @2' 3 ' 2 G' LK A E13 ' I @ 4@' I 2F2' F ' 32A' E' @2' 4 B3 E1'G2 'F3' B ' @2' F2NKL 4 ' 'EA' LG' @2' 2 'F 2F'2CN2FBF3!' E' FBE ' I '3' @2' 'N B E2' ' K3 F BK3' BE1'L2T BF2' @2' EH '3 BE' B ' @2' * ' K 3!' B32'BE' @2' 2 ' 4BH2F E1' @' '@ ' I @B32' E!' C2' 3' '33B4 ' 2A' E' 2H2FG' C BA2FE' KFBN2 'E' 'E1K '12' I @' @2' EB BE' B ' CN2F ' ' 3N 2EABKF ' I 2F2' @2' H '3 ' F 'E123' B ' @2' ' " -!% @2' ⍰@BK32' B ' '23'F⍰ (@ NN ' H!' 99 !' 2F2' I 2F2' @2' @BK32@B A' FBBN3' SK 'F 2F2A' E' '' ' # 13' ' '4@2A' B' @R' N ' '42!' EA' @2F2' KE 233 ' EA22A ' ' I '3' E' @2' 1F2 ' ' (F'2 BF 'E' 'CN' BK 3 A2' @2' 4 G' I ' ' UK K3' 1 'H2' KN' @ 3' NF 3BE2F' B' KFFK3 ' @2' (F'2 BF 'E' (F2 24 ' I @B32' B 4 ' 'AK G' ' I '3' B' O22N' E' 4K3 BAG' ' ' '44K32A' N2F3BE3' I @B' I 2F2' B' L2' F 2A' L2 BF2' @2' CN2FBF >($! !' $5 " + $.

(' 5!

' > $ ') ' !

(' 'PPB' 'FL2F E % (' 'PPB' L'E % !' 'F B' '' >K' FB' BE 'E2% ' !' EAF2 ' '' BE 2' 'H' B% > K F E ' ' (' '42% (' 'PPB' A2 '' BE"' 3K '% (' 'PPB' B3N 1 B3 % B BEE '' * 'FA2E3' 'EA' 2C N 2' B ' @2' KE% !' H23 FB' '' BE 2' 'H' % '!' ' 2F E ''A ' 2E'% !') BC 2E 4B' 2' 3 B% '!' 1 ' ''A2 ' * B % '!' 'F '' E' BE 2% ' !' BF2EPB' ('E2' 2' (2C ''% ' '!' (KA2E 'E'% !' ('B B' (F CB' F2C '% !') BE 3 B% !' ' 2!

' 3' A 4K ' B' A2 2FC E2' @2' 2M'4 ' C 3' B ' I @' ' E' 'E4 2E ' C23' I 2F2' F21'FA2A' '3' @2' >K F E ' ' 'EA' C E ' ' @ 3!' @2G ' O2' @2' 3SK E2' 'EA' 42 'E ' 'F2' ?' E' '4 ' C2F2 G' 3NKF3' BF' BE1K23' B ' @ ' NFB 24 E1' E I 'FA3' FBC' '' 4 ' C CBE' L'R ' @2' LFB 'A' 'L 2" 'EA ' I @ 4@' 3 BN23' BE' @2' B @2F' 3 A2' ' CB3 ' CN2F42N L G' E B' @2' 'CN'1E'!J ' @ ' ' I @ 4@' 3' A234F L2A' E' @ 3' 4@'N 2F' '3' L2 BE1 E1' B' @232' I B' @ 3 ' 3' 4@ 2 G' @2' A 3 F 4 ' B' @2' F 1@ ' B ' @2' '' >K' FB' BE 'E2 ' 'EA' 3' 4BE EK' BE3% I @ 4@' 2M 2EA' E' '' 3 F' 1@ ' E2' B' '!' 'F '' '11 BF2!

@2' >K F E' ' O2' ' ' @2 'B @2F' @ 3 ' 2M42N ' @2' (' ' E2' 'EA' @2' 42 'E ' L2 BE12A' B' @2' 'L E23' E' @2' 2 'F G' N2F BA' B ' BC 'E' @ 3 BFG ' 'EA' 3' K ' B ' F24BFA3' B ' @2 F' B44KN' BE!' @2G' @ 'A' '' 'N B ' @2F2' I @ 4@' 3' L2 2H2A' B' @ 'H2' L22E' BE1' 'E 2F BF' B' @' ' BE' @2' 'N B E2 ' 'EA' I @ 4@' I '3

' 2F H ' 2 ' BC 'E3' EA2F' @2' CN F2 ' 4@!' M !

4FB I E2A' LG' '' 2CN 2' B 'UKN 2F' UKEB' 'EA' E2FH'!' @ 3' 'L E2' 4'N B' B44KN 2A' @2' 3 2' B' @2' NF232E' (' 'PPB' B3N 1 B3 !' =' =

@2' E' C2' >K F E' ' 3' A2F H2A' FBC' @2' 'L E2' I BFA' Q8 06% 3 1E G E1' '' 'E42' I @ 4@' 1'H2' @2' 'L E23' @2 F' E' C2' B' >K F 23' BF' 'E42"L2'F2F3' 'EA' B' @2 F' 1BA' @2' E' C2' >K F EK3! ' 2F' @ 3' A2' @' BCK K3' F242 H2A' @ 3' 2' 'EA' 'E' CNBF 'E' 2CN 2' I '3' F' 32A' B' @ C' BE' @2' >K F E' 'LG' KC' ' KEA2F' @ 3' E' C2' @K3' A2E G E1' @ C' I @' U'EK3' >K F EK3' @2' E' BE' '1BA!' @ 3' 2CN 2' I '3' 3KFT FBKEA2A' LG' '' 3'4F2A' 1FBH2' C2E BE2A' LG' H A!U' ' I '3' F2LK ' LG' @2' 4BE3K' ! ('N F K3' KF3BF' B' 4BC C2CBF' 2' @ 3' F KCN@' ' 2F' @2' @ FA' 'CE 2' I 'F' ' 987' I @2E' @2' 'ABFE2A' ' I @' '' 3KE"A ' ',6 #7 8 ' @ # % 8 K' @2' F3' 32' KN' E' BC2' B 4' @B I 2H2F' EB' L2 E1' 4BE3 FK4 2A' BF' @2' F 1@' ' KA2' A A' EB' 3@B I' @2' C2' 4BFF24 G!' @ 3' A2 24' I '3' EB' F2C2A 2A' ' E2'F G' '' 42E KFG' ' 2F I 'FA3' I @2E' >!' 'F4 K3' (@ NNK3' 32' KN' '' 4BFF24' A ' !'H' E' FBE' B' @ 3' 2CN 2' 1F2 I' IB' 42 2LF' 2A' CGF 2" F223' BE2' 4' 2A' ! 70 7' ' @2' B @2F' !#6I 7' I @ 4@' 3@'F2A' @2' F KE23' B' @2 F' F2T 3N24 H2' BFA2F3' '3' @2' BF'E12" F22' ' ' '!' 'L E'' EB I' AB23' @' ' B' @2')BC E 4'E3!' @K3' KN' B' @2' @' 42E KFG' ('F 4 '' BKF 3@2A' 1 BF BK3 G' 'EA' (2L2 '' N E2A' LK' FBC' @2' C2' I @2E' @2' N 2L2 'E3' 4BCN 2 2 G' 1' E2A' @2' KNN2F' @'EA' ('F 4 '' I @2F2A' ' I 'G!' * @2' 2CN 2' I '3' F2LK ' LG' K1K3 K3' 'EA') BE' '33 K3' 3 ' 23' @' ' @2' EKCL2F' B 'N 'F3' LG' I @ 4@' ' I '3' 3KFFBKEA2A' '44BFA2A' I @' @' ' B' @2' G2'F3' B' @ 3' 2!

' CN2F2' 3 !' BC!' !' : !'
' H A' 2 !' M H!' :\9' :\7!'
(EG' 3 !' ' !' MH!' 7\' 9!

') BEG3 K3' !' ;7!
') G2F!3' BC2' N!' '
') BE!' '33!' $H!

< (7 ' ' /

A B E E1' @2' 2CN 2' I '3' '' NBF 4B0

?' 4 E 'N2 2'NBF 4KC' G K F E 0
KFL ' C ' EBE' @ ' L2 ' B B3 BF2C '
(B C N2 K3!J
".' M !' / ' ' !

?' 4 KC' 2F'3
(F C B' 3B 2' C @ ' N2F' 12EAKC ' E' H ' 2' > K F E !J
41*!$ ".' #' !' 79!

'FA' LG' I '3' '' 2CN 2' B ' BF KE'' (KL 4'

?' > K ' A 42 ' > KBEA ' C ' 3 ' 4F ' '' 23 ' 4B 2' > K F E '
'4' BF KE'' A 2' (KL 4'' D' H2F 3' 2F !J
' * 5.') #' H!' 7 - \!

' 3B' 'E' ' 'F' B' 'CKF K3' 'E' 'EA2E ' 'L E2' A H E G' NFBT L ' L G' A2E 4 ' ' I @' 'F3' 'EA' '' 2CN 2' B ' ' K3' BF 2' @ ' I @ 4@' 1 'H2' '' E ' C2' B' @2' (BF '' ' K 'F ' ' I @ 4@' CK3 ' @ ' H2' 3 BBA' E2 ' F G' BE' @2' 3 2' B ' 22' NF232E ' > K ' FB' BE 'E2 ' 'EA' E2 'F' I @ 4@ ' EB ' E ' NNFBNF ' 2 G ' I '3' '' 2CN 2' B ' 2H2F ' E' @2' '' !' ' 2 ' I @2F2' 2H2F' 3' 3 ' NF2H ' 2E !'

@2' 3 2' B ' @2' 2CN 2' B ' > K F C 3' 3' '342F ' E2A' B' @ ' H2' !' L22E' E2 ' F G' Q @ ' ' EB I ' B44KN 2A' LG' !' EAF2 '' '' BE 2' 'H ' B!' ' E' @2' BNNB3 2' 3 A2' B ' @2' 3 F22 ' I @2F2' N ' F ' B ' @2' N ' N ' ' N ' '42' EB I ' 3 'EA3 ' I '3' @2' 2CN 2' B ' 2CB"' 'E4 K3 ' @2' F2NK 2A' ' @2F' B ' 'L EK3!' 2 I 22E' @232' IB' 2CN 23' I '3' @2' BK32' B ' (BCNBE K3' 4K3' @2' F 2EA' 'EA' 4BFF23NBEA2E ' B ' 42FB ' '' 3 K ' BE' I @ 4@' 1 'H2' 'E' BNNBF KE G' BF' @2' I 4 3C' B ' 42FB' I @2E' @2' 3 ' A' @ ' ' '23 'F' I BK A' F ' @2F' A I 2 ' I @' > K F EK3' @ 'E' I @' ' K3 ' C2 'E E1' @ ' ' @2' I BK A' F ' @2F' L2' ' ' I 'F' @ 'E' L2' E' 1BBA' @2 ' @!

E' @2' 3 ' C2' E2 1@LBKF@BBA' H2A' 'F ' ' @2' 2N 1F ' C"

')4' 223 'F2' H 4 EB' 34F N32F ' C' ' A' K '' 4B1EBF ' C' 2M' K 3' $ 2F3' 2KC' >K F EB' C ' B ' SK 'EH ' K !J' A' ' M !' : \!

C' 3 ' ?'BE' @2' @FA' BBF' E' '' E'FFB I';3 F22 J' ĥ@2E42' @2 @'A' ''H 2I' '3' 'F'3' @2' NBF 4B' B ' 1ENN' ' E2'F' @2' '' C E 'E' 'G!' 2 B I ' NFBL 'L G'BE' @2'3 2'EB I ' B44F ' 2A' LG' @2' ('PP'' 'FL2F E ' I '3' '' F4K3' B ' BF'!' =

?' ' 2F' 'A23' BFKC ' KA 3'42 2LF'EA'' B4B3 3'0
) 3 K 2F'C'N'F 23' C 2E32'NF BF2' K'3!
E4 N 3' NF '0 F'E3 3' E' 2CNBF'' ' !
2F' 2' K1 2E3'0 4KC'H2E ' ' 2F'@'L2 !
> KC' K''3 E'42A'E SK2' L'4BE E ''C2E3KC
BEH2E ' E' 'KA23' 2'H2 ' 2' K'3!
F4K3' E'@KE4'2M '4 'C' 'SK2'N' C '' @2' F 3'0
B4'SKBSK2'4KC' F4 'CKE2F2'4'FC2E'2' !J
* 5.') #' H!' ,7!

CBE1' @2'1F2' ' 'C 23' I@B' H2A' BE' @2' >K F E' ' I2F2' @2' BFE2@ ' I@B' @'A' '' 3 F22 ' B ' @2 F' B I E!') 6' (# 0 ' NFBL L G BE' @2' 3 BN23' L2@ EA' @2' NF232E ' B BEE'' (' '420 'EA' @2' 'H ' I@B' I2F2' B ' 'L E2' BF 1 E!') BC '' 'E' I '3' LBC' @2F2' E' @2'@BK32' B ' @2' 'H ' ' 2F I 'FA3' 4BET 324F' 2A' LG' @ C' '3' '' 2CN 2' E' I @ 4@' 23N'3 'E ' K3 ' 'EA') BC 'E' @ C32 ' I2F2' LKF 2A ' 'EA' UK '' @2' K1 G' A'K1@ 2F' B ' K3% I2 ' 0EB I E' FBC' @2F' 3 ' K2 ^ E' @2' ' 4'E!

3' 3BC2' F'1C2E 3' F2C' E' B ' @2' I B' LK A E13' 2F24 2A' BE' @2' >K F E' ' AKF E1' @2' ' 2F' 2CN F2 ' KF2 'E0'3' 2CN 2' B ' @2' KE ' 'EA' @2' L' @3' B ' BE3 'E E2 ' @2G' I ' L2' EB 42A' E' @2' F21K 'F' 4BKF32!'

E' @2' '342E ' B ' @2' @ ' K3 ' 'LBH2' @2' ('PP'' A2 ' F BE2 ' 3' @2' EBL 2' : 7 I '!7#7 'LK ' LG' $FL 'E' !' FBC' A23 1E3' B ' 'F B' 'A2CB ' 4BE EK2A' LG' BFFBC E ' 'EA' E 3@2A' LG' 2FE E ' E' ; :<!' ' 3'=34F22E2A' FBC' @2

;' 23N'3 'E'@'A' ''LFB @2F' E'C2A' VLCK3'0 @ 3' 3BE0'3' E'C2' F24' 3' @' 'B ' K3' ' K3!

: < ‘ ‘ /

F22 ‘ LG‘ +‘‘ C '1E 42E ‘ F' E1‘ L2 I 22E‘ 4B KCE3 ‘ 2F24 2A‘ , : \"; - ‘ 'EA‘ ‘ @ 3‘ F' E1‘ 4BK A‘ L2‘ 4BE EK2A ‘ d'EA‘ @2‘ L B40‘ B ‘@BK32 ‘ B I 'FA3‘ @2‘ N 'PP'‘ F2CBH2A ‘ ‘ IBK A‘ L2‘ 'F @2‘ CB3 ‘ 3N 2EA A‘ NF H' 2‘ N' '42‘ E‘ BC2!

@ 3‘ CC2E32‘ LK A E1‘ 3‘ '‘ C2CBF ' ‘ B ‘ @2‘ C '1E 42E42‘ 'EA‘ 'CL BE‘ B ‘ $FL'E‘ !‘ 3‘ 3 P2‘ 3‘ 2EBFCBK3 ‘ @2‘ 3C ' 23 ‘ 'N'F C2E ‘ E‘ @2‘ N' '42‘ 4BE ' E E1‘ BF G‘ FBBC3!‘ @2‘ (F E42‘ ' ‘ NF232E ‘ E@'L 3(@2‘ F 1@ ‘ I E1(I @‘ @ C‘ H23‘ @ 3‘ 2 A2F‘ LFB @2F‘ @2‘) KO2 ‘ I @B‘ 'LA 4' 2A‘ @2‘ 'C G‘ @BEBKF3‘ E‘ @ 3‘ 'HBKF!‘ E‘ @2‘ 2 ‘ I E1% B44KN 2A‘ E‘ @2‘ L21 EE E1‘ B ‘ @ 3‘ 42E KFG‘ LG‘ @2‘ 2M"O E1‘ @'F 23‘ ! ‘ 'EA‘ SK22E‘ B ‘ N' E ‘ 'EA‘ @2‘ ? (F E42‘ L ‘ (2'42J% 3‘ @2‘ @K12‘ 'N'F C2E ‘ B ‘ @2‘ ' 2‘ 'FA E' ‘ 'FL2F E ‘ EB I ‘ KE E@'L 2A!‘ E‘ @ 3‘ 3 A2‘ 3‘ @2‘ 1F'EA‘ 3 ' F4'32 ‘ KNBE‘ I @ 4@‘ 3‘ N '42A‘ '‘ BE‘ E‘ @ 1@‘ F2 2 ‘ BKEA‘ BE‘ @2‘ 'C G‘ NFBN2V G‘ ' ‘ (' 23 F E'!‘ ‘ 3‘ L2 BF2‘ @ 3‘ BE‘ @' ‘ 'EBH'‘ 3‘ 3' A‘ B‘ @'H2‘ ' E‘ BF‘ @BKF3‘ KNBE‘ @2‘ N'H2C2E ‘ 3 KAG E1‘ BF‘ @ 3‘ BCL‘ B ‘ 2C2E ‘ 5 !‘ E‘ !‘ (2 2F(3!‘ @2‘ %87 $7(I7 ‘ L'A G‘ 02N ‘ 4BE ' E3‘ C 'EG‘ 4KF BK3‘ F2 43‘ B ‘ 'C G‘ 1F'EA2KF('CBE13 ‘ @2C‘ 3‘ '‘ 32A'E"4@' ‘ N' E 2A‘ ‘ 'E!

@2‘ I 7 3‘ BN2E‘ BE‘ @KF3A'G3‘ FBC‘ E E2‘ B‘ I B ‘ 4BET ' E3‘ '‘ CB3 ‘ H' K'L 2‘ 4B 24 BE‘ B ‘ !‘ 'LBK ‘ -<<<‘ E‘ EKCL2F ‘ LFBK1@ ‘ B12 @2F‘ LG‘ 'FA E' ‘ F'E4234B‘ 'FL2F E ‘ E2N@2 I ‘ B ‘ $FL'E‘ !‘ @2G‘ E4 KA2‘ 4B 24 BE3‘ B ‘ 2 2F3‘ B ‘ * ' 2B ‘ 2CLB ‘ 'EA‘ 2 'FC E2(@2‘ B 4 ' ‘ F2NBF 3‘ B‘ $FL'E‘ ! ‘ F2 ' E1‘ B‘ @2‘ 3 ' 2‘ B ‘ ' @B 4 3C‘ E‘ E1 'EA‘ E‘ @2‘ C2‘ B ‘ @'F 23‘ !('‘ 4BNG‘ B ‘ @2‘ L 2‘ E‘ @2‘ 'C'F 'E‘ 4@'F'4 2F('‘ L 2‘ B ‘ @2‘ BKF @‘ 42E KFG(32H2F' ‘ ! 4BN 23‘ B ‘) 'E 2('‘ C 33' ‘ KC E' 2A‘ LG‘ *@ F 'EA' B‘ K 'EA‘ '‘ LBBO‘ B ‘302 4@23‘ B ‘ 'E4 2E ‘ BC 'E‘ 2A T 423 ‘ B ‘ : ; \ ‘ LG‘ * K 'EB‘ AL‘ 'E1' B % CB3 ‘ E 2F23 E1

) EE / :

B @2 'E SK'F 'E 'EA 'F4@ 24 ' '3 NF232FH E1 @2 BFC3 B ' C 'EG NKL 4 LK A E13 I @ 4@ @ 'H2 A 3 'NN2 'F2A 3 E42 @ ' ' A' 2! CBE1 @2 \< <<< NF E 2A LBBO3 3 '' 2LF2 I ' L 2 B ' -, , ' BE2 B ' @2 I 2 H2 OEB I E 4BN 23 B ' 2 4BCN 2 2 2A BE B ' BE4 EB '' ' E (' B ' LG 4 EB ' I @ C 'F1 E' ' EB 23 LG '33B 'EA @ 3 ' @2F 2FE 'FAB '') 'E 2 B ' : - - ' I @ EB 23 LG 2CLB ' &4!

E @2 F 1@ ' I E1 3 '' @K12 > 7## 'ABFE2A I @ 324BEA" F' 2 3 ' K23 ' I @ '' 1F'EA 42 E1 LG ! 0 ' $7 0 7 \8 ;" ; ;8 ' F2NF232E E1 ? ' F BE B A2 '' * BF ' J @2 BF12 B ' K 4 'E ' E2FH '' 'EE @ ' E1 @2 'E3 ' 'EA B @2F CG @B B1 4' ' 3KL 2 3% CK4@ 'AC F2A LG 'EP ' 'EA 4BE3 A2F2A LG #K1 2F B L2 @2 CB3 ' CNBF 'E ' I BFO B @2 'F 3 ! BKF H'3 ' F234B23 B ' @2 ' @2F3 B ' 2 @KF4@ 'F2 NF232FH2R @ F2 ' @'H E1 L22E F2CBH2A FBC @2 ABC2 B ' ! (2 2F3 ' I@2F2 @2G I 2F2 F2N '42A I @ CB3 ' 43 LG $FL 'E ! 2 B I '' F2 B @2F F234B23 LG ! 0 ' $7 0 000 '' NBF F' ' B ' $FL 'E ! '' 'EA 3BC2 'N23 F 23 K3 F' H2 B ' @2 2H2E 3 B ' @ 3 F2 1E 'EA B ' @ 3 B I E E 2E32 32 "23 22C% ' @K3 @2 F1 E 'EA E12 3 'F2 F2NF232E 2A LF E1 E1 E @2 BFE 'C2E 3 B ' @2 N'N '4G ' ' @ 3 4BFBE' BE ' &4! K ' @2 4BE42 ' B ' (BN2 $FL 'E F2 '4@23 3 4 C 'M E '' FBBC ' ' @2 BN B ' @2 @BK32 ' I @ 4@ 2M@ L 3 '' EKCL2F B ' @2 'FL2F E ' L223 @2 'C G 4F23 ' B4O E1 '1' E3 ' @2 3KE ' 'EA 24 N3 E1 % B GN G @2 3N 2EABKF B ' @2 'C G! @2 ' B ' (BN2 $FL 'E ! 3 ' H2FG 4KF BK3 AB4KC2E ' NFBT H A E1 '1' E3 ' @2 2M E4 BE B ' @2 'C G E 2H2FG 'NN'F2E ' 4BE E12E4GD @ 3 ' @B I 2H2F ' EB I ' 322C3 O2 G B 'O2 N '42D @2 @2 F 3 '' 4 'FF'! @2 N 'F3 E FBE DB ' @2 N' '42 ' 'EA ' ' @2 3KFFBKEA E1 LK A E13 ' 22C I @ @2 L223 B ' @2 'FL2F E ' I @ 4@ C 'G ' 3B L2 322E BE @2 (FBN'1'EA '' 'EA

‘ ‘ /

C 'EG‘ B @2F‘ 1F2' ‘ BC 'E‘ 2A 423‘ 'EA‘ I @ 4@‘ 'F2‘ 4F22N E1‘ KN‘ @2‘ FBL2‘ B ‘ $FL 'E‘ !‘ E‘ ‘ (2 2F03!

E‘ @2‘ F 1@ ‘ BE‘ 2E 2F E1‘ @2‘ N' '42 ‘ 3‘ @2‘ 3C ' ‘ # 0 ‘ ‘ ! 08 6‘ BN2E‘ I @2E‘ @2‘ 4K3 BA2‘ 4@BB323‘ B‘ L2‘ @2F2 ‘ EA 2F2E G‘ BA12A‘ BF‘ '‘ LK A E1‘ 3B‘ C '1E 42E !‘ 2‘ C 'G‘ EB 420%

$‘ ! !%

7 :!‘ $FL 'E‘ ‘0 # 5 ! ‘ --%

" ‘ 'FA E' 0 # $

:, !‘ 'ABEE'' 'EA' @ A ' !' UB@E' 'EA' !' U2FBC 2' 0) $-

\ :!‘ 'ABEE'' 'EA' @ A'0 5 I$ ‘

\, !‘ 'ABEE'' 'EA' @ A'0 6 * $$‘ !'" $

; 7!‘) 'K1@ 2F'B ' 'N@'2 ' 2E13'0 !$&

; -!‘ (BF F' 'B '@ C 32 0 --

- :!‘ A 'C ' 'EA' H20 3!$ - #

N $‘ 0 !%

-7!‘ @2' ?' 4@ 'H''0J' "3 ‘ 9!--

@2' 3B"4' 2A' 'H2' '' B ' G' KEC2 'E E1' E' C2 ' 3' NFBL 'L G' '' C 2F2‘ 34@BB 'N 4 KF2 ' B '1F' EA' L2 'K G ' LK ' I @' BB' 4 KC 3G' '' 3 G 2' B ' AF' N2FG ' BB' 4B A' ' E' 2MNF233 BE ' 'EA' BB' LFB I E' ' ' 4 'FE' BE' BF' 'E % B' I @BC' ' 3' ' F LK 2A!J% 1&"!

-;!‘ 3 2 ' * BEAB B' 0 " 15!‘ $!

-, !‘ (BF F' '0 $2 $

-8!‘ @F 3 ' 'C BE1' @2') B4 BF3% N ' E 2A' E' H2' A 'G3 ' E' \<;' 0 " ! # 1 !

, !‘ ?' @2' CB @2F' B ' 2' F 42' 2E4 'J' R * &&

, 9!‘ @2' BFE 'F E'' I @' @2' N ' E F03' E' C 2' BE' @2' 'FC 2 0 '% !"

?' @2'@ 3 BFG' B ' @ 3' N2F3BE ‘ B' I @BC' 'N@' 2 ' I '3' ' '4@2A' 2H2E' B' @ 3' A2 ' @ ' 3' BL34KF2 ' EBF' 'F2' I 2' H2GF' 4 2 'F' I @' F21 'FA' B' @2F' O2E23323!‘ E' @2' F LKE2' ' ' BF2E42' @2F2' 3' '' NBF F' ' E34F L2A' I @' @2' A ' 2' \ 9 ' B ' '' H2FG' L2 'K K ' I BC 'E' @B A E1' @2' KF' F C C E1' B '@2F' C 'E 2' I @' @2F' F 1@ ' @' EA ' I @ 4@' 3' 3 ' A' B' F2NF232E ' @2F!‘ @2' N 4 KF2' 3' A24 A2A G' LG' 'N@' 2 'LK ' 4' E' @ 'FA G' F2NF232E ' @2' BFE 'F E'' 0 ' ' 2 ' 3 ' '@ ' 3' EB' F232C L 'E42' B' @ 3' NBF F' ' I @ 4@' @ ' 3' @2' E' C 2' B ' 'N@' 2 ' BE' @2' ' FC 2 ' ' EA' B ' @2' 'K @2E 4 G ' I @ 4@' N ' F 4K 'F G' I @' F23N24 ' B' @2' 3KL 24 ' @2F2' 4 'E' @ 'FA G' L2' ' ABKL !‘ E' @ 3' @2' 1KF2' 3' 32 ' 2A!

'EA' 3'KE4BH2F2A' B' @2' I ' 3 ⍰ 3@2' AF' I 3' '' 1@ 'AF'N2FG' 'FBKEA' @2F⍰ '' 3@' I ' 3' I 3 2A'FBKEA' @2F' @2'A!' @2' 2M24K BE' 3' L2'K K' 'EA' A2 T 4' 2' ' @BK1@' @2' E23' 'F2' 3K 4 2E G' A2 E2A⍰ @2 BFC3' 'F ' E2' 'EA' EB ' I @BK ' L2'K G ' LK ' ' ' @2' 3 ' C 2' C 2' EB ' F22' FBC' 'E' 2MNF233 BE' B ' 4B'F32E233' 'EA' 4BC CBE' 2!' @2' 2G23' 'F2' 'F12 ' A 'FO ' 'EA' K ' B ' F2' 'EA' 322C' B' 3N2'O' B 'LF 1@ 2F' A 'G3!' @2F2' 'F2' F2N2 BE3' B ' @ 3' N 4 KF2 ' FBC' @2' 34@BB ' B ' 'N@ ' 2 ' E' BC 'E' 1' 2F 23!'J% 1&"!

, ;!') 2 ' @' B ' * 2FC 'E 4K3' ⍰ # #
, ,!' 2 'NBF ⍰ " 15!' $!
8<!' B G' 'C G' ⍰ $5 ! ' 5!"' #
87!' EEKE4 ' BE' ⍰ ## -!'"'

K ' @2' E 2F23 '+ ' @ 3' 4B 24 BE' 42E F23' 2E F2 G' 'FBKEA' I B' NBF F' 3 % @' ' , ' B ' K4F2P ' ' @2' KE@'NNG' I 2' B ' F'E4234B' 2E4 ' LG' 9 ' G7 07 ' 'EA' @' ' , \ ' B ' 2' F 42' 2E4 ' LG' G8 $ '

?' @2' NBF F 'B ' 2' F 42' 2E4 ' 3' C B3 ' E 2F23 E1' '3' '' K3 ' F2NF2T 32E ' BE' B 'BE2' B 'C 2' BH2 23 '3N24 C 2E3' B ' @2' I BFOC 'E3@ N' B 'E' KF2!' @2F2' 3' '' M2A' 'EA' N' 2' 4BC NB3KF2' KNBE' @2' 2' KF23' ⍰ 3@2' 322C 3' 3 'A' 'EA' 3 F 4O2E' AB I E' E' 3N F 'G2 ' @2' A23N ' F' @K3' 2MNF2332A' 3' 1@ 2E2A' LG' @2' N' 2E42' B ' 12E 2E233!' 2F' @2 ' A' 3' LBKEA' I @' B A3' B ' I @ 2' AF' N2FG ' FBC ' I @ 4@' @2' G2 BI ' 3 F E13' B ' @2F' 1B A2E' @' F' 234 ' N2 ' ' EA' ' ' 'LBK ' @2F' E24O!' @2' C BK A E1' B ' @2F' '42' 3' 2MSK 3 2 G' A2 4' 2' ⍰ @2' 2G2LFB I 3' 'F2' A 3 E4 ' ' EA' 'F4@2A' ⍰ @2' N3' @ ' H2' @' ' N2FC 'E2E ' C 2' E E1' B ' C ' 1 E' BE' 'EA' 32E3 L G' I @ 4@' 3K 2F E1' @ ' 3' EB 'F2NF2332A ' 'EA' I @ 4@' '322C 3' '3' 'A2' @' 34 ' F42 G' 4BK A' 2M E1K 3@!' 2F' BF2@2 'A' 3' 'F12' 'EA' 4 2 ' F⍰ @2F' 2G23 ' I @ 4@' I 2' 'F2' B A' I 2F2' F2C 'FO ' L 2' BF' @2 F' H H ' 4 G ' 'F2' 3 I B 2E @' I 22N E1 ' 'EA' K3 F2 233 ' LK ' L2 ' K K G' 2EA2F' 'EA' 32F2E2!' E' @2' I @B 2' C 2E' @2F2' 3' '' 3 C N 4 G' 'EA' A 1E G ' I @ 4@' KE 2A' I @' @2F' 2MSK 3 2' BH2 E233' 'EA' A22N' 3BFFB I ' 3' E2MT NF233 L G' N ' @2 4!' 2' F 42' 2E4 ' 'NN2' F3' B' @ ' H2' L22E' BE2' B ' @B32' N2F3BE3' E' I @BC ' 2E2 ⍰1G' 'EA' 12E E233' A I ⍰2 ' B12 @2F' I @BK ' A23 FBGT E1' BE2' 'EB @2F⍰ @2F' E ' KF2' 3 C N 2' 'EA' NFB BKEA!' @2' 4F C 23' 'EA' C 32F 23' E' I @ 4 '3@2' I '3' 'E' '4 BF' 'EA' 3K 2F2F ' 'F2' '3' @2' C '3O' 'EA' @2' C 'E 2' E' I @ 4@' 4 F4KC 3 'E423' 4 B @2A' @2F' BF' @2F' C N2F3BE ' BE' BE' @2' 342E2' B ' @2' I BF A!J% %!'"! 7 ' !, -!'# '#%!' !$- '

H' @2' N 4 KF2' B ' 2' F 42' 2E+ 'F2NF232E 3' 3 C N G' '' 2C ' 2' @2' A' ⍰ '' H2FG' GBK @ K ' 1 F 3@ ' N2F 24 G' L2' K K ' '42 ' 2EH2 BN2A' E' I @ 2' AF' "

N2FG ' FBC' L2E2 ' @' I @ 4@' 3 F'G3' '' B4O'BF' I B' B ' I @ ' '⅋322C3' ''F 4@' @BK1@' @ AA2E' KMKF 'E42' B ' 'KLKFE' @ ' F!' @2' 2G23' 'F2' 'F12' 'EA' LFB I E ' 'EA' C 22 ' B32' B ' @2' 3N24 ' BF ' 2H A2E G' I @' '' 3 F'E12 ' ET 2 24 K' ' 2 BF B' 234 'N2!' @2F2' 3' '' 2' F2AE233' 'LBK ' @2' 2G23 ' H2FG' 3 1@ G' EA 4 ' 2A ' 3B' @' ' GBK' I BK A' SK23 BE' I @2 @2F' BF' EB' @2' 1 F ' @ 'A' L22E' I 22N E1!' @2' I @B 2' '42' 3'H2FG' SK 2 ▯ @2F2' 3' EB' A 3 BFT BE' BF' A 3 KFL 'E42' B ' 'EG' 3 E1 2' 2' KF2▯ EBF' 3' ' 2 '3G' B' 322' I @G' @2' 2MNF233 BE' 3' EB ' 4@22F K ' BF' I @G' '' 3 E1 2' BK4@' B ' @2' 'F 3 ⇩3 N2E4 '3@BK A' EB 'LF 1@ 2E' ' E B' BGBK3E233!' K ' E' '4 ' ' 3' @2' H2FG' 3 'AA23 ' N 4 KF2' 2H2F' N ' E 2A' BF' 4BE42 H2A' ▯ ' EHB H23' 'E' KE ' @BC 'L 2' A2N @' B ' 3BFFB I ' @2' 32E32' B ' I @ 4@' 4BC 23' B' @2' BL32FH2F' LG' '' 3BF ' B ' E K BE!' ' 3' '' 3BFFB I ' @ ' ' F2C BH23' @ 3' L2 'K K ' 1 F ' BK ' B ' @2' 3N@2F2' B ' @KC 'E G ' 'EA' 32 3' @2F' E' '' 'F"B ' F21 BE ' @2' F2CB 2E233' B ' I @ 4@ ' I @ 2' G2 ' @2F' '42' 3' 3B' 4 B32' L2 BF2' K3 % C ' O23' K3' 3@ H2F' '3' ' '' 3N24 F2!' BK' 22 ' ' ' @2' C 2' GBK' BB '' ' 2' F 42 ' '3' ' 3@2' I 2F2 FG E1' B' 234 'N2' FBC' GBKF' 1 'P2!' @2' OEB I 3' @' ' @2F' 3BFFB I ' 3' 3B' 3 F'E12' 'EA' C C2E32 ' @' ' 3@2' BK1@ ' B' L2' 3B 'FG' BF' 2H2F' LB @' BF' @2' I BF A⇩3' 3 'O2' 'EA' @2F' B I E' ▯ 'EA' @ 3' 3' @2' F2 '3BE I 2' 22 ' 3K4@' '' A 3 'E42' L2 I 22E' 2' F 42' 'EA' BKF32 H23 ' 2H2E' I @2 EBKF' 2G23' C 22 ' @2F3!' ' 3' E E 2 G' @2 'F "LF2 'O E1' B' C 22 ' @2F' 1 'E42 ' 'EA' B' OEB I ' @' ' EB @ E1' 4 'E' L2' ABE2' B' @2 N' BF' 4BC BF ' @2F ' E2 @2F' AB23' 3@2' '3O' @2 N' BF' 4BC BF ' 'OEB I E1' @2' @BN2 233E233' B ' @2F' 4 '32' L2 2F' @ 'E' I 2' AB!' @2' 3' '' ' 2E' 'E12 % ' 2E' 'EA' G2 ' 3 E 233' ▯ 'EA' ' 3' BE G' @ 3' A2N @' B ' 3BFFB I ' I @' 3' I 2 1@ ' 'EA' A 'FOE233 ' @' ' O22N3' @2F' AB I E' B' 2 'F @' 'EA' LF E13' @2 ' I @ E' BKF' 2 I ' 2H2E' I @ 2' '32 3' @2F' L2GBEA' BKF' F2 ' 4@!J' % +#% $!

H' @2' NBF F' 'B ' 2' F 42' 2E4 ' 3' '' N 4 KF2' ' CB3 ' CNB33 L 2' B' L2' B 1B 2E!' @FBK1@' @2' F'E342EA 'E ' 3 I 22 E233' 'EA' L2 'K G' B ' @2' '42' @2F2' 3' '' 3BC 2 @ E1' 3@ E E1' BK ' @' ' @ 'KE 3' C 2!' '322' ' EB I ' '3' ' 322' @ 3' N ' N2F ' BF' C G' N2E!' @2' @2 ' A' 3' BB32 G' AF' N2A' E' I @ 2' ▯ @2' 1@ '@ ' F' ' E1' AB I E' L2 B I ' @2' E2E' B A3!' @2' @ ' 3' KFE2A' 3KAA2E G' B I ' FA3' GBK' ▯ 'EA' @2F2' 3' 'E' 2MNF233 BE' E' @2' 2G23% ' @BK1@' @2G' 'F2' H2FG' 2EA2F' 'EA' 12E 2% '3' ' @2' AE233' B ' '' C BC 2E 'FG' 2FFBF' BF' A 3 F'4 BE' @ 'A' L22E' 3 FK11 2A' I @' 'EA' BH2F4BC 2 ' @' ' E3 'E ▯ 'EA' EB @ E1' LK ' '' 42 23 ' ' @BN2 ' 'EA' '' L2 'K K ' 3BFFB I ▯ 'EA' '' A23B ' 2' 2 'F @ G' @2 N 233E233' F2C ' E2A!' BC 2' 3 BF 23' 3 'G' @' ' * K AB' N ' E 2A' ' @2' E 1@ ' L2 BF2' @2 ' 2M24K BE▯ 3BC 2' B @2F' 3 BF 23' @' ' @2' N ' E 2A' ' FBC ' C 2C BFG ' ' 2F' @ 'H E1' 322E' @2F ' BE' @2F' I 'G' B' @2' 34' B A!' ' 'C' I E1' B' L2 2H2' @' ' '3' GBK' 32+' 2F' BE' @ 3' 4 'EH '3 ' 3B' 3@2' KFE2A' B I 'FA3' @ C ' E' @2' E/ I A ' FBC' @2' F3 ' 3 1@ 'B ' @2' 'M2 ' 'EA' 3 ' CN2A

')' / /' / :

KNBE' @ 3' C EA' '' BBO' I @ 4@' @2' @ '3'3 ' C N2A' BE' C E2' '3' @BK1@' ' @' A' 3 BBA' L23 A2' @ C' E' @2' 4BE4BKF32!' @2' 1K G' N' '42' B ' @2' 2E4 0 L 1@ E1' '' I @B 2' SK' F 2F' B ' @2' B I E ' '3' ' 3 ' EA3' I @2F E1' I ' G' LG' 1F' E3' 0 @' A' @' ' '42' N' C G' 'E4G ' E' 3' A 3C ' ' NBF4 ' ' EA' ' ' 3' L '4O' L EA' I EABI 3 ' 'EA' E1' KN' 'EA' AB I E' 3' AF2' FG' 3 ' F3 'EA' 1FB I E1' BK ' B ' @2' A ' FOE233' B ' 3' 1@B3 G' 1' 2F 23!' @2' @ 3 BFG' 3' I F 2E' E' @2' N ' E E1 0' I F 2E ' E' @2' AG E1' 1 F 3' '42 ' LG' ' KF2 3' B I E' @ ' EA!' EA' B@' X @B I ' E' @ ' ' BE2' BK4@' 3@2' NK 3' B' 1@ ' E3 2' A' B ' C ' O E1' O E ' @2' NKEG' I BF A' @' ' 4 ' C3' B' L2' F2 ' 2A' B' @2F ' E' F 1@ ' B ' NBBF' 4BEH2E BE' ' BF12F 23' XJ% - !$ ' J

?' 2' A ' G3' @ ' A' L22E' N ' 332A' LG' 2' F 42' E' @2' 324F2 ' NF 3BE3' B ' @2' BFF2' 'H2 ' ' I @2E ' ' ' 'E' 2 ' F G' @BKF' E' @2' C BFE E1 ' @2F' 'AHB4' 2' ' F E ' 44 ' 2E 2F2A' @2F' 3 A' 'LBA2!' @' @ C ' 'NN2' F2A' ' 'GBKE1' C ' E' B ' 'LBK ' I 2E G" H2' G2' F3' B ' ' 1 ' AF2332A' E' @2' '3@ BE' B ' ' ' I F 2F' E' @2' 4BKF 3' B ' K3 42' B ' @ ' ' A ' G!' $E@22A2A' LG' 2' F 42 ' @2' 3 ' ' F21' FA E1' @2F ' ' ' ' 2' A 3 'E42' I @' M2A' ' 2E BE!' @2' @ ' A' F 32E' FBC' @2F' C 32F' L 2' N ' 2 ' LK ' KE O2' @2' I F2 4@2A' EC ' 2' B ' ' ' AKE12BE ' 3@2' 322C 2A' ' ' L2 E1' C ' ' LF 1@ 2F' 3N@2F2!' 2F' 2G23' FH2F2' B ' SK A' 3B E233' @2F' BF2@2' A' 'F12' ' F ' 4 2 ' F ' @2F' 4BKE 2E ' E42' B ' ' E12 4' NKF G ' C G3 2T F BK3 G' L2 ' K K !' FBKEA' @2F' @2' A' ' ' B A' B ' I @ 2' C K3 E' @ ' A' L22E' 4' F2 233 G' I F' NN2A ' FBC' I @2E42' E' F 4@' MKF ' E42' 2 ' @2F' ' F' 'EA' I ' H E1' @ ' F!' (FB BKEA' 3BFFB I ' C N ' F 2A' 'E' ' F' B ' BK4@ E1' 32E3 L G' B' @2F' BH2 G' 2' KF23!' @' ' ' @2' 2 ' 12FE233' B ' @BN2 ' 3@2' L2112A' ' F E ' 44 ' B' 2 ' @2F' F ' EO G' '@ 3' H 3 ' BF2LBA2A' 1BBA ' ' EA' ' 33KF2A' @ C' B ' @2F' 1F' KA2' BF' @2' 'EM 2 G' @2' 2H E22A ' B' + ' H2' @2F' 'EA' @' ' B ' @2F' ' C G!

? 'F E ' 44 ' 4BEH2F32A' I @' @2F' BF' 3B C 2' C 2 ! I @ 2' ' ' '' A 3 ' E42' 3' ' @ 3' 4B C N ' E BE ' 3O2 4@ E1' @2' 2' KF23' B ' 2' F 42!' !' KFE E1' FBKEA ' 3@2' BL32FH2A' @ 3' I A @' A 3N 2' 3KF2' ' EA' 3KFNF 32 0' 'F E ' 44 ' 2MN ' E2A' @' ' @ 3' 322C E1' I F 2F' I ' 3' @2 2 2LF' 2A' N ' E 2F ' * K AB' 2E ' I @B ' 2' FET 23 G' A23 F E1' @2F' N 4 KF2 ' @ ' A' 2E F2 ' 2A' B' L2' E FBAK42A' E B' @2' NF 3BE' BF' @2' NKFNB32' B ' BL ' E E1' 3B' F 4@' ' ' '4SK 3 BE!' ' F3 ' KE I E1 ' LK ' ' 2F I ' FA3' 4BE32E E1 ' 3@2' KFE2A' 'EA' 3' A ' / 1EBF' * K AB ' GBKF' F2EB I E' C 1@ ' C ' O2' C 2' A23 FBK3' B ' OEB I E1' GBK ' LK ' @B I ' I ' GBK' KEA2FH ' K2' C 2' E' C G' NF232E ' 3 K ' BE!' FB C' @2' ' ' G' @ ' ' 3KFFBKEA3' C 2 ' GBK' I ' KA12' C 2' 1K G!' (2F@ ' N3' C G' '42' I ' 2 ' GBK' ' ' C ' EB ' I 4O2A 0' ' I ' 3@B I ' GBK ' BB @ ' ' ' EB I ' 'E1K 3@' E' @ 3' NF 3BE ' I @ 4@' ' C ' G' SHM ' BE G' B' '342EA' 2' 34' B A!' BKF' 1F2' 'E' C2 ' 'EA' C G' 3 ' A' 3 BFG ' C ' G' 1F' O2' C G' NBF F' ' E 2F23 E1' ' EA 0' 3@2' 'AA2A ' I @' BK4@ E1' 3 C N 4 G ' / @2' N 4 KF2' I ' ' I ' O2E' 4BC"

<$ ' ' ' /

N'33 BE' 'GBE' I F 2' BE' BE2' B ' 3' 'E1 23' @2' I BFA ' $$ -!$#!$ @2' 1F2' ' 'F 3 '32 ' @ C32 ' B' I BF 4 ' 'EA' NFBAK42A' @2' N 4 KF2' EB I ' E' @2' (' 'PPB' U 'FL2F E ' ''N 4 KF2' @' ' F H2 3' @2' ' 2E BE' B ' 2H2FG' L2@B A2F ' I @ 4@ ' BE42' 322E 2H2F' ' 2F' @BH2F3' BH2F' @2' C 2C BFG' I @' 'E' E 2F23 ' @2' C B3 ' @ 'FFB I E1' 'EA' C G3 2F BK3!J %) 3' ! # -!' !$-.' # ' 5!" !- "' 9 .' -- $# # '5 " .') !$2! ^' %#! 5!7' $ < " # $

@2F2' 3' '' NF2 G' B A" '3@ BE2A' 1 'FA2E' L2 BE1 E1' B' @ 3' N' '42' ' 'BE2' 4BFE2F' B ' I @ 4@% BH2F@ 'E1 E1' 'E' B A' 3 ' K2% ' 3' @2' 42 2LF' 2A' ?: 7 @ ' ! T ' B 2E' AF' I E' LG' 'F 3 3' FBC' @2' '' 2FF' '' ' ' @2' L '4O' B ' @2' 1 'FA2E' I @2F2' 3 ' K2' 'EA' N E2' 4BCL E2' I 2 ' I @' @2' 4@KF4@' B ' ! ' B!

' @2' L '4O' B ' @2' N' '42"4BKF ' 2@ EA' @2' 'F4@2A' LF A12' 2 'A E1' B' @2' 1 'FA2E' 3% 2 ' E B' @2' I ' '% 'E' E34F N BE' I @ 4@' BFC2A' N 'F ' B ' @2' A2A 4 ' BE' B ' 'E' 'F4@' 2F24 2A' B' 'KA K3' LG' @2' 32E' 2' 'EA' N2BN 2 ' E' @FE BKF' B ' @2' 4BET SK23 ' B ' F ' E!' @2' 2 2F3' I 2F2' E ' A' I @' LFBEP2!' ' I '3' BKEA' E2 'F' @2' (' 'PPB' 4 'FF' ' I @2F2' @2' 'F4@' 3' 3KNNB32A' B' @ 'H2' 3 BBA!

342EA E1' B' @2' 3KCC ' B ' @2' @ ' I 2' EA' BKF' K1 G' 3 ' K23' B ' F H2F"1BA3 ' G E1ß BH2F' @2' Q8700 ' E 07 ' FBC' I @ 4@' @2' 3 F22 ' 'O23' 3' E ' C2!

E' @2' 2 ' 3'! @2' ! 7#744 ' #I 7 ' F242E G' F23 BF2A' LG' >K22E' @F 3 E ''B ' N' E!'

?' E' BE2' B ' 3' FBBC 3' 3' ''H2FG' 'E4 2E ' N ' E E1' B 'UKN 2F' 'EA' * 'EGT C 2A2 ' E' '' H2FG' KE4BC C BE' 3 G 2 ' KE E1' 4BE3 A2F' L 2' 1 ß' EA2KF' B ' 4BE42N BE ' 1F2' ' BF42' 'EA' A24 3 B ' 'EA' ''A22N' BE2' 'EA' 4B BKF' I @ 4@' FFBAK42' 1F2' ' 2 24 !' ' 3' 3' A' B' L2' * F24 'E!' J % / # $7' 3!

@2' BNNB3 2' 4@KF4@' ! 7 # ' 7' Q8700 'E 07 ' 3' I BF @' BL32FH E1' FBC 2' '4 ' @' ' @2' I @B 2' LK A E1' 4@KF4@' 'EA' 4BEH2E ' 4BFF23NBEA3' I @' BE2 B ' @2' BKF' N 2F3' 3KNNBF E1' @2' 4KNB '' B ' ! (2 2Fß3' L2F4' I '3' BFC2A' @2' NB E ' B

$ ' ' /

'EA ' LG' G 7 $' $ ' #7' # 0 ' B ' @2' ABF' BE' B ' @2' @2NT @2FA3' 'EA' B ' @2' '1 0' 'EA' '3 G' @2' 4@'N2 ' B ' !' 'E 3 ' ' #B3 ' 4BE ' E E1' @ 3' 3@F E2' B ' 1B A' 'EA' 'N 3"' 'PK ' KEA 'F' 'E' 2M422A E1 G' F 4@' ' 'F' I @ 4@' 3' 'ABFE2A' I @' '' L2 'K K ' N 4 KF2' LG' 7T(# ' 7 7007 ' F2NF232E E1' @2' 3' E ' F242 H E1' @2' E 'E ' U23K3' FBC' @2' 'FC3' B '@ 3' CB @2F!' ' @2' 3 A23' B ' @2' 4@'N2 ' 'F2' I B' B @2F' N 4 KF23' LG' 7 7 07 ' BE2' B ' I @ 4@' F2NF232E 3' !' 'E 3 '3' ? L ' @ E1' I @' I ' 2F' @ 3' LF2 '3 ' E ' C2A' I @' A H E2' BH2 J' @2' B @2F' @ 3' F242 H E1' @2' @B3 ' FBC' @2' @ 'EA3' B ' 'E' 'E12 !' @232' 'F2' @2' @F22' NF E4 N ' ' E4 A2E 3' E' @2' 3 BFG' B ' @2' GBKE1' !' 'E 3 '3 ' I@B' L2 BE12A' L' '' EBL 2' (B 3@' 'C G' 'EA' 'L 'EABE2A' @2' I BF A' B' 3@K ' @ C32 ' KN' @2F2 ' 3 'G E1 ' ?' ' 'C' EB ' LBFE' BF' @2' 1BBA' @ E13' B ' @ 3' I BF A0' @' ' I @ 4@' C G' @2 ' F ' A23 F23' 3' @2' 1BBA' @ E13' + ' 2E C G!J @2' 'A B E E1' 5 0' ' 0@ ' 5 70 ' ' 0#8' $ ' ' 686' 4BE ' E3' @2' FBBC' E' I @ 4@' !' 'E 3 '3' #B3 O'' A 2A ' ' ' @2' '12' B ' 2 1@ 22E ' I @' @ 3' F24 E E1' 3 ' K2' LG' ' G 6 ' @2' LBAG' E' I @ 2 ' @ 3' AF233' @' ' B ' '' EBH 42 ' E' L '4O ' 'E_' @2' 4BK4@ KNBE' I @ 4@' @2' 23 ' E' G2 B I ' C 'FL 2!' 2@ EA' @ 3' 3 ' K2' 3' '' N 4 KF2' B ' '' 42 23 ' ' H 3 BE' I @ 4@' 4BE3B 2A' @ C' E!' @ 3' '3 ' CBC2E 3!' E' @2' A 'G' B ' @ 3' A2' @ ' BH2CL2F' 7 ' @2' 4BEH2E ' 3' @FB I E' BN2E ' 'EA' C '33' 3' 3' A' I @BK ' 42 '3 E1' E' @ 3' 4@' CL2F ' I @ 4@' 3' H 3 2A' LG' @BK3 'EA3!

? '' N2 2' 4@ ' C LF2' A2' !' 'E 3 '3' # B3 O' ' 23 ' KE' A2' 423' 2KM' B ' '' NF 2F2' E ' ' 3NBE ' E2C 2E ' A ' E3' 2' 4B2KF ' 2 ' 3()2E' 2@ ' NN2' 4B C C 2' N ' F' KE' 4BKF3' E ' KF2 !J % 9 '" #.' ,13' 5!' 3! J

' ?') 2K3 ' SK ' E 2 ' 2 '3 2FE' 3 'N 2E '2' K32' C F '4K '' 2 ' C' C' 2E2F'' '2 ' 2' C ' KF'3' 3 'E4 ' 3' 1F ' C' 4BE K$3 0' A ' ' SK '33KCK3 ' K ' L2 ' ' 'E 3 'H' 2M2CN B ' 2CNK3 ' E3 'E 2F' BN2F ' EAB ' F2A C2E 23 ' E' '0 2 N!' ^ ' E1F2A ' F2SK 2C' 23 E2CK3 MW ## 0' ' 0 ' ' 60D7 ' 7 ') 69 (: D

) EE ')' /' /' 9 : 8

E' @2' 4BEH2E ' 1'FA2E' 3' 3@B I E' @2' BKE ' E' I @2F2' ?' @2' 'E12 3' K32A' B' L' @2' @2' LF2'3 ' B ! !' 'E 3 '3' LKFE E1' I @' @2' BH2' B ' @F 3 !J =' ('33 E1' @2' 2E2A 4 E2' 4BEH2E ' I @' '' 4B F G'FA' 4BET ' E E1' 'E' B A' 3'F4BN@'1K3' '3' '' BKE ' E' 'EA' '' @KCL 2' 4@KF4@' A24BF' 2A' I @' FKA2' F234B23' B ' ! 2E2A 4 ' 'EA' '! 4@B '3 4' ' I 2' F2 '4@' '' 3C@ ' 'EA' NBNK 'F' 4@KF4@' F 4@' E' C 'FL 23 ' L2 BE1 E1' B' @2' ! 9 087' $ 70 ' $ # & 5 ' 7 7 0 ' $ # #07 ' BKEA2A' LG' 3 3 2F' 'AA' 2E'' B ' @2' E4'FE' BE ' I @B' A 2A' ,98 ' 'EA' 3' LKF 2A' BE' @2' F 1@ ' B ' @2' 2E F'E42!' 2F2' @2' B I ' CBEB BEBK3' 4@'E ' B ' @2' N2FT N2 K' ' 'ABF' BE' C 'G' L2' 4BE3 'E G' @2'FA!

@2' ! 7447' '0@ ' 0 ' 757# ' @ '3' E' 3' 42E F2' @2' F2A' 1F'E 2' BL2 3O' E E2 G" H2' 22 ' @ 1@' I @' 3' L '32 ' 2F24 2A' @2F2' LG' E EBF V E' - , ' BF' (K3' !' ' I '3' BF 1 E' G' LFBK1@ ' FBC' 1GN ' LG' 'KA K3 ' !) !' \ - ' B12 @2F' I @' @2' BL2 3O' EB I ' E' FBE ' B ' '!' 'F '' '11 BF2 ' 'EA' @2G' I 2F2' LB @' F3 ' N '42A' ' ' @2' 2E F'E42' B ' @2' C 'K3B 2KC' B ' K1K3 K3!' ' 3' L '32' 'F2' @2' 4B B33' ' 3 ' K23' BKEA' E' @2' L' @3' B ' BE3 'E E2 ' B ' @2') B34K ' '3 BF' 'EA' (B KM' F2 E E1' E' @2 F' @BF323!' @232' 3 ' K23' 1 H2' '' E'C2' B' @2' A 3 F 4 !' @2 F' L'323' L2'F' @2' E' C23' B ' @ A '3' 'EA' (F'M T 2 23 ' 'EA' @BK1@' @2 F' ' C' B' L2' @2' I BFO' B ' 3K4@' A 3 ET 1K 3@2A' 34K N BF3' 3' ABKL K ' @2G' 'F2' 42F ' E G' B ' *F22O' BF 1 E!' BN 23' B ' @232' 3 ' K23' ' ' 2F E' @ ' H2' F242 H2A' @2' E 40E' C23' B ' *2@2C C 2F' BF 4@F ' 'EA' 2 LFA2F 2F' 4O'' 34@F % (FB1F233' 4@2402A' 'EA' 2 FB1F233 BE' 2E4BKF' 12A!

?' ' @2' C2' I @2E' @2' " ' 3-! I 2F2' NKL 3@2A ' @' ' 3' 'LBK ' @2' @ F 22E @' 42E KFG ' @232' 3 ' K23' I 2F2' 2 2H2A' B' F2NF232E ' @2' GBKE1' N@ B3BN@2F3 ' (F'M 2 2 ' 'EA' (@ A '3 ' I @B' 4'C2' B' BC2' AKF E1' @2' F2 1E' B ' L2F K3 ' 'EA' N C 32A' B' 2 ' @ C' @ 3' CB3 ' 324F2 ' I BFA3' 'EA' '4 BE3' NFBH A2A' @2' I BK A' @BEBKF' @2C' I @' '' CBEKC2E ! ' ' ' 9

'H E1' N2F BFC 2A' @2 F' NFBC 32 ' @2G' BL ' E2A' @232' 3 ' K23 ' I @ 4@' F2NF232E ' @2C ' E'O2A ' L24 'K32' ' '@KC 'E' 34 2E42' I '3' E 'O2A' 'EA' BN2E' B' @2 F' S 23!' FBC ' @ 3' 'L 2 ' I A' 'EA' 'L3KFA' '3' ' 3 ' I 2' C 'G' E2H2FT @2 233' AF' I ' @2' E 2F2E42' @ ' ' @2' 3 ' K23' @ 'A' L22E' @ 'EA2A' AB I E' FBC ' C2' C C 2C BF ' ' '3' @2' I ßBFO3' B ' (@ A '3' 'EA' (F'M 2 23 ' @BK1@' @B32' 'F 3 3' @ 'A' E' @2' 'N32' B ' '123' L22E' C 2 ' CBFN@B32A' E B' N@ B3BN@2F3!' 'G' I 2' EB ' ' 3B' '33KC 2' @2' 2M 3 2E42' B ' '' F'A BE' @ ' ' @2' 3 ' K23' I 2F2' LFBK1@ ' B' BC 2' E' @2' F2 1E' B ' L2F K3'R' E' @2' C AA 2' '123' @2' 1FBKN' 'NN2 ' 3' B' @ 'H2' L22E◊''44BC N 'E 2A' LG' ''3 ' K2' B ' 2AK3 ' ' 3 E1' ' ' @2 F' 22 ' 'EA' @ 'H E1' L2 BF2' @2F' ''3@2 !' 44BFA E1' B' @2' 2M 'B ' @2' " .' '3' 1 H2E' LG' BE 'K4BE' E' @ 3' 13' # "-13.' @ 3' 1KF2' F2NF232E 2A' @2' @KF4@!' @2' 3E' O23' I @ 4@' 3KFFBKEA2A' @2F' GN 2A' @2' HB KC 23' B ' 4F N KF2 ' I @ 4@' EBLBAG' 4BK A' 'NNFB '4@' KE 233' @2' @ 'A' F3 ' L22E' I '3@2A% @ ' ' 3 ' L 'N 32A% E' @2' I ' 2F' B ' @2' 3@2 !' K ' @2' (F' 1K2' !' B ' @2' " ' E 2FNF2 3' @2' 2C ' 2' 1KF2' B' F2NF232E ' 4 2E42 ' 'EA' @2' 32FN2E 3' B' GN G' @2' A 3NK 2A' SK23 BE3' I @' I @ 4@' 3@2' 3' 4BE42FE2A!J% ! ß ' #.' ,'#%!' # ' ,' 3!

? ◊ C ' BE' AK' 1F' EA' 3 G 2' A2' (@ A '3' 23 'H 3 L G' A' E3' N K3 2KF3' 34K N KF23' SK◊ ' '' E3N F223 ' 2 ' 3KF BK ' A' E3' 23' B3323' A2' '3 BF' 2 ' (B KM ' ABCN 'E ' A23' 4@2H 'KM ' SK ' BE ' ' ' ABEE2F' '' KE2' N 'F 2' AK' CBE ' > K F E ' ' 2' EBC ' A2' $#!' * '"'

H' 'E2' ' F ◊ ' F2' 'K4KE2' ' 2E BE' 'KM' E34F N BE3' SK ' ' F LK2E ' KE' A23' A2KM' 4B B3323' '' (@ A '3' 2 ' ◊ 'K F2' ' (F'M 2 2 ' (F'M 2' ABE ' 2' 3 G 2' E◊'' F 2E' ' ' F2' 4 'ß 3BE' EBC ' ''2 2' E34F ' 3KF' ''L '32' A2' ◊KE2' A23' A2KM' 3 ' K23 ' 4BC C 2' (@2AF2' _2' F2NFB4@' ' A2 '' ' A23' 'K33' F23' AK' 2CN3' A◊ K1K3 2 ' SK ' 4FBG ' 2E ' ' 'K1C 2E 2F' 2' C 2F 2' A◊KE' EBKH2 ' BKHF ' 12' 2E' G' C 2 'E ' 2' EBC ' A2' (F'M @ 2!' >K2 2' SK2' 3B ' ◊2NBSK2' B ' 23' 4B B3323' A2' BE 2' 'H' B' BE ' 2 2' 2M24K 23 ' C ' 1F2' SK2 SK23' A 2F2E423 ' BE' AB ' ' FC 2F' SK2' 23' A2KM' BF 1 E ' KM' 2 ' 2E ' A2' '' C 2C 2' 24B 2 ' A2' ◊&B 2' A2' (@ A '3!J% 3' !.' #' 3 $!.' !' 9\

? @ '4KE' A23' A2KM@2FB3' ABC N 2' A◊KE2' 32K 2' C ' E' KE' 4@2H ' ' BK1K2KM' SK ' 32' 4 ' LF2!' 23' BFC 23' 4B B33 23 ' 42 2' K 2' A2' ◊@BC C2' 'H24' 23' 'E C 'KM ' ABEE2E ' 4BC C 2' BK3' 23' BKHF ' 123' A23' 'E4 2E3 ' KE2' 'AC F 'L 2' A22' A2' ''NK 33 ' E42' N@G3 SK2' A2' ''E ' KF2' @KC ' E2!'J% 5' 5!' # '75

I'M 2 BF2' C 2' I 2F2' @2' I B' BE 2' 'H' B'3 ' K23 ' B I 2F E1' 1 1 'E 4' G' 'LBH2' @2' NG1C 21' B ' @2' NF232E ' A 'G ' 'EA' BBO E1' O2' 'E3' E' @2' '4 ' B ' @F2 ' 2E E1' @2 'H2E!' H2F' C G' @2 'A' @2' 3 'F3' I 2F2' K3 ' L21 EE E1' B' BBO' BK ' ' 'EA' C 1@ ' @ 'H2' L22F ' 2O2E' BF' 1K' FA 'E' 'E12 3' O22N E1' I ' 4@' BH2F' @2' 2C N 23' L2 B I !' 2@ EA ' ' 'EA' BE' C G' 2 ' H2F2' N ' '423' D

BE' C G' F 1@ ' 1' FA2E3 ' 'EA' @ 3' L2GBEA ' I @' @2' BF' E12' E 3' B ' 3KE32 ' BH2F' @2C' 3 ' 1 B I E1' E' @2' A 3 ' E42!' @ E' '' 3 BE2{3' @FB I ' B ' C2 ' E' @2' C A3 ' B ' BL 24 3' @K3' 1 BF BK3' E' @2C 32 H23 ' 'E ' @K3' E' @' FC BEG' I @' 2 ' 4@' B @2F ' I ' 3' 3 K4O' 'E' KEN 'E2A' N 3 ' BE' I @ 4@' 1 CT C 2F2A' '' N ' N2F' 'E 2FE!' K4@' 3' BC 2 > (61! ! ' # #%

B32' LG' 3' '' BKE ' E' N ' G E1' E B' '' E2' L ' 3BE' B ' 1GN 'E' 1F'E 2 ' LFBK1@ ' @ @2F' LG' (K3' ! ' FBC' @2' BFKC ' I @2F2' ' @ ' A' BE1' L22E{K32A' BF' I ' E1' 4' 2!

E' @2' 2 ' 3' @2' ! 7#7 ' '0@ ' 68#07 ' LK ' E' -7< LG' 2C2E ' 5 !' BF3 E ' FBC' A23 1E3' B ' K1 ' !' 2 BF2' 3' 1' 23' 3BC2' B ' @2' *K ' FA '' BL 2' 'F2' ' I ' G3' B' L2' 322E' 3KEE E1' @2C32 H23' E' '' KE BFC' 3B' F23N 2EA2E ' @ ' ' I ' 34 ' F42 G' L2' L2 2H2A' @ ' ' @2' N ' G' B ' @ 3' ?' EBL 2' 1K ' FA' J' B ' @2' (BN2' 'CBKE 3' BE G' B' \ ' 6 ' (-$' '' CBE @' X

E' @2' F 1@ ' ' @2' CC2E32' ! 7#7 ' '0@ ' Q $ 7#' I @ 4@' ' 3B' 2M 2EA3' ' BE1' BE2' I @B 2' 3 A2' B ' @2' 3 F22 ' I 2' @ ' H2' L22E' NKF3K E1!

? @ ' ' N ' '42" LK A E1 ' FK E" A23 FBG E1' (BN2 ' (' K ' ! ' L21 ' E' B' 2F24 ' @2' 2EBFC BK3' N ' ' 42' BE' @2' > K F E ' ' ' 'EA' @2' NFB BE1 ' BE' B ' @ 3' ' LBKF3 ' LG ' '' BE1' 32F 23' B ' 3K44233 H2' NBE 3 ' @ ' 3' C ' A2' ' BE2' B ' @2' ' F123 ' ' EA' K1 23 ' LK A E13' 2M ' E !J% / # $ ' 3!.

@2' 4@ 2 ' EA22A' ' CB3 ' @2' BE G ' E 2F23 ' B ' 3' N ' ' 42' ' F 323' FBC' 3' @ ' H E1' L22E' @2' ' HBKF 2' F23 A2E42' B ' (K3' ! ' @ ' F ' C BE 2 !' ' I ' 3' @2F2' @ ' ' @2' I ' 3' ' E' NF 3BE2F' LG' @2' F2E4@ ' *2E2 ' ' ' A2 ' BF42A' @ 3' I ' G' E B' @2' NBN2{3' FBBC' BE' @2' E 1@ ' B ' UKE2' ; ' ,<8 ' ' EA ' I @ 2' 2M4K3 E1' @ C 32 ' BF' L2 E1' @2' C 2332E12F ' @ ' 3 G' E C ' 2A' B' @2' NBE ' E' @2' E ' C 2' B ' @2' 2C N2FBF ' @ ' ' @2' CK3 ' ' ' BE42' ' LA 4 ' 2' @ 3' 2C NBF ' ' 3BH2F2 1E G!' (K3' ' L3B K 2 G' F2 K32A ' KNBE' I @ 4@' @2' I ' 3' BF42A' B' A2342EA' @2' 3 ' F4 ' 32 ' ' EA' BKEA' '' 4B ' 4@' I ' E1' ' ' @2' 2E F' E42' B ' @2' N ' ' 42!' 2F2' @2' NBN2' N ' K32A ' @ 3' ' 42' 3 F2 ' C E1' I @' 2 ' F3 ' ' EA ' 3 ' EA E1' E' @2' 3 ' F ' N ' PP ' ' 3B 2C E G 2M 2EA2A' @ 3' ' FC3' E' L2E2A 4 BE' BH2F' @ 3' 3 22N E1' N2BN 2!' @2E' @2' 2E 2F2A' @2' 4 ' FF ' 12 ' B B I 2A' LG' ' FA E ' ' (' 44 ' ' ' EA' I ' 3' @KFF 2A' + I ' G' B' 2M 2 ' ! ! ' ?' @ F 2A ' I ' G' @FBK1@' @2' @2' ' ' EA' AK3 ' B ' ' E' ' ' E' 3KC C 2F{3" A ' G ' I @BK ' ' E

' 2EA'E ' I @BK ' E2E' I @BK ' @ 3' 3N24 '4 23% 2H2F2A' 'EA' I 2'F 2A ' @2' E2H2F' BF' '' CBC2E ' B3 ' @ 3' 32F2E G!' 'FA E' ' ('44'' 2 3' K3' @' ' I @2E' @ '@'A' K3 ' 3 'F 2A' BE' @ 3' CB3 ' A 3C ' ' B ' BKFE2G3 ' @2' NBN2' '3O2A' @ C' '@2'@' ' 'EG'C BE2G!' @2' 324F2 'FG' B '3 ' 2' F2N 2A ' @' '@2' @'A' @'A' EB' A FNBF KE G' B ' NFBH A E1' @ C32 !' /' 2' @2E' AF2 I ' BF @' BKF' NKF323 (' 4BE EK23' @2' 4'FA E' ' /' 'EA' EB I @3 'EA E1' @2' 3 ' 2' B ' ' 4 BE' I 2' I 2F2' E' ' ' L2 E1' @K3' BFE' ' I 'G' FBC' BC 2 ' 'EA' ' ' @' ' I '3' A2 'F' B' K3 ' I 2' 4BK A' @ 'FA G' 4BC NB32' BKF' 4BKE 2E 'E423 BE' EA E1' @2' 4BE 2E 3' B '2 '4@' NKF32' B' 4BE3 3 % B ' @2' NBN2()3 ' B ' ' 'N' N2 B' FBA! ' 'EA' B ' C E2 ' B ' @F22' 1FB33 ' A! !' 2' @ 'A' NF24 32 G' @ F G" H2' L' B44@ ' L2 I 22E' K3!' @2' NBN2 ' 2M 2EA E1' @ 3' @ 'EA ' 3@B I 2A' @ 3' N' N2 B' ' B' * 2E2F' ' 'A2 ' 3 'G E1 ' ' ' @2' 3 ' C2' C2 ' /' BBO' @2F2' @ 3' 3' ' ' ' NB33233!() J ' ! ! ! ! ' M' G2 'F3 ' 2F' 'NB 2BE' I ()'3' 32E ' B' !' 2 2E' ' 'EA' (K3' !' F2 KFE2A' E' F KCN@' B' B C 2(

' I '3' FBC' @3' 3 'C2' N ' '42' @' ' (K3' 5!% I@B' @'3' E2H2F' E@'L 2A' ' 3 E42% C 'A2' @ 3' 234 'N2' B' * '2 '' AKF E1' @2' F2HB K BE' B ' , : , ' I @2E' @2' 3 212' B ' @2' >K F E' ' LG' @2' E3KF12E 3' @ 'A' 3K4422A2A' E' 2M BF E1' @2' 'NNB E C2E ' B ' '' A2CB4F' 4' C E 3 FG!

?' E' @2' ' 2FEBBE' B ' @2' 9 : @' B ' BH2C L2F ' @2') K2' A() 'F4BKF ' @ 'A' 'FF H2A' ' ' @2' > K F E' ' E' @ 3' 4B' 4@' '3' 'CL '33' ABF' B ' F' E42 ' 'EA' 4F' H2A' 'E' 'KA 2E42' B ' 2' 3BH2F2 1E!' @2' 1K' FA3' I BEA2F2A' @' ' @2' 3 'G2A' 3B' BE1' () LK ' @2G' OE2 I ' EB ' @' ' @2' 3 ' ' F2 ' A E1' @2' E2 I 3N' N2F3' E' @2' N ' N' ' 3 KAG ' I @ 2' @2' NBN2' @ ' A' F2 F2A' B' @ 3' L2AFBBC ' B' 4@ ' E12' @ 3' AF233!' 2F2' @ 3 ' C ' BF"ABC B ' NN ' E ' @ ' A' ' A' BK ' @2' L ' 4O' 4 ' 33B4O' ' EA' AF233' B ' ' E' BFA E ' FG' NF 23 !' !' @2' NBE ' BBO' B '@ 3' NKFN 2' 3 B 2' 'EA' I @ 2' NBE 4' ' FBL2 ' ' EA' 4 ' C 2' BF @' E' @2' 3 CN 2' 1 'FL' @2' @ 'A' I BFE' E' @ 3' SK 2 'GBK @!' @2') K2' A() 'F4BKF ' @F2 I' @ C32 'BE' @ 3' OE223' 2M4 ' C E1 ' /' * B' BF @ ' @B G' ' @2F' () A H E2' I 3ABC' E3N F23' @ 3' 4BKE32 ' A H E2' NB I 2F' I ' 2 'A' ' [' '@ ' NNG' 2EA!() G' 324F2 ' N ' 33 ' 123' 'EA' E' FFB I '3 ' F4 '323 ' (K3' 5!' 'EA' @ 3' FK3 G' 32 H' E ' N '332A' KE322E' B' '' 2' ABBF ' K32A' BE G' B44 '3 BE' G' BF' @2' I 33 '1K' FA3 ' 'EA' LG' I @ 4@' @2G' I ()2F2' B' 2 ' H2' @2' N ' '42!' @2G' F2 '4@2A' ' 'EA' L2 @BK1@ ' @2C' @ ' ' @2' O2G' @ ' A' L2NE BF1B 2E' (' NN ' E ' @ ' 3 2E2A' L ' 4O' B' @2' N ' N' ' 'N' F C2E ' B' 2 4@' () 'EA' F2 KFE E1' CSK23 BE2A' B' @2' I 4O2 ' BKEA

' 'FAE' ' 32C'E()3 2B' (K3 !

@2'NBE 'BE'@ 3'OE223''EA'SK 2''L3BFL2A' E'NF'G2F!' @2'I'FA3'I2cFZ' FK3 G' 'EA' @2' O2G' KFE2A'I @'A 4K G0' LK' @2'ABBF'I'3'BN2E2A'' ' '3 ' 'EA' @2' @B G' K1 H2' 'EA' @ 3' 32FH'E ' SK 4O G' 2E 2F2A' '' NBBF' 0@'4OE2G' 4B'4@' @'' I'3'I' E1' BF' @2C' BK 3 A2!' 2F2' ' 'E' @2G' F'E' F 3O' B ' L2 E1'A 34BH2F2A' @FBK1@' @2' @BK1@ 233' 'A@2F2E42' B'B A' 2 SK2 2'B ' @2'B @2F'32FH'E ' I@B'3 BBA'LG' @2'4B'4@' 'EA'I@B'@'H E1' 2 'ABIE' @2'3 2N3'OE2 ''3'K3K' 'L2 BF2'@2'3@K ' @2'ABBF!

? @2'NBN2' IBF2' ''A'FO' 1F2' ' 4B' ' BH2F'@ 3'NF 23 03' 4'NB4@' '' BI'" 4FBIE2A'FBKEA'@' ''EA' ''LFB'A'LFBIE'IBB 2E'E24O4 B @' BK 3 A2'@ 3' 3 F' 1@' BC'E' 4B 'F!' NN'E'@'A' BE'@ 3'K3K'' BB32' 4 B'O0' LK' KEA2F' @ 3'@2'4'FF 2A' @2' @F22"4BFE2F2A'@' 'B ' @2'NBN2''LKEA 2'B ' @2' CB3'NF H' 2' 'EA' 324F2 ' N'N2F3' @2'N'N' '32' 3' @2'LF2H 'FG' @2'4FB33'" 2CLFB A2F] ' 3 NN2F3' ''3C' 'SK'E G'B ' E2E' 'EA' '' 2' LBM' K ' B ' 1B A' C2A' 3' 3 'CN2 ' I @' @2' O2E233' B ' @ 3' @B E233!' FBC' @2' E3 A2'B ' @2'4'FF '12' @2'A 24 2A' @2'4B'4@C 'E' B' B BI'C 'EG'I EA E1' 'EA' A H2F1 E1' 3 F22 3' E' @2' @BN2' B ' C 3 2'A E1' @2' 3N 23' I@B'I 2F2' OEB I@' B' 3 I 'FC' ''2H2FG'4BC 2F!' 23 A2' @2' 4@KF4@' B ' !' (2 FB' 2' 'F42 EB' E' @2' A232F 2A' SK'F 2F' L2GBEA' @2' B 32KC ' @2G' BKEA' @2' 'H'F 'E'^ E 2F' BKE' N'KF' I ' E1' E' @ 3' BIE' NF H' 2' 4'FT F '12' 'EA' C '1 E E1' 2H2FG'A'E12F' I @ 4@' 4BK A' @'H2' A2 ' E2A' @2C' 3B' BE1!' @2' 3BH2F2 1E' NF2332A' @2' @' EA' B ' @ 3' ' @ K ' NN'E ' 'EA' 2E 2F2A' @2' 4BKE 03' 4'FF '12!' 2E G' @2G' AFBH2' BE' @FBK1@' @2' B A' 1' 2' B ' BC2 % BKE ' N'KF'@'H E1' @2F2' 3@BIE' @2' N'33NBF'B ' @2' 'H'F 'E'C E 3 2F'1B E1' B' 'N 23'BE'' ' F3'B '3 ' 2!

? 2'EI@ 2' @2')K2' A0 'F4BKF ' 1F2I' F2A' B ' F2'A E1' @2' E2I3T N'N2F3' E' @2' NBN203' 3 KAG'0' 'EA' I@2E' @BK1@' @' ' @ 3' @B E233' CK3 ' L2' 'F' L2GBEA' @2' I ' 3'B ' BC2'@2' 2 ' @2' N' '42' 'EA' 'O E1' NB3 "@BF323 ' @'3 2E2A' I @' ' '3N22A' B'BH2F 'O2' @2' K1 H2'BE' @2'FB'A' B' H '' 244@' ' ' I@ @2F'@2'L2 2H2A'@ C' B'L20 G E1!' 3'@2' 2 ' @2' 3 KAG' E' @2' >K F E' ' '' 2 ' 2' 2E 2F2A' I @' '' 'F12' LKEA 2' B ' 244 2T 3 '3 4' ' N'N2F3 ' BE' I@ 4@' @2' 3' A' @2' @'A' B' 4BE 2F' I @' @2' NBN20' @2E' @ 3' 4@' CL2F ' E' I 2E ' E' B' F2'A' B' @ C' @ 3' LF2H 'FG' 'EA' @2' B 42' B ' @2' A'G!' @2' FBBC3' I 2F2' 1@ 2A' KN ' 'EA' @2' 3KNN2F' 'O2E' E' '3' K3K' ' ' 'EA' ' ' 2E1 @' ' I '3' 3 ' 2 [' @' ' @ 3' @B E233' 22 E1' 3BC2I@' ' KE I2 '@'A'F2 F2A' B'F23 0' 'EA'@ 3'' 2EA'E 3' 'EA' @2'1K'FA'B '@BEBKF' I 2F2' A 3C 332A' BF' @2' E 1@ !' ' 3' F'2' @' ' '' 42F ' E' NF2 ' 2' I @B' 4@'E42A' B' 322' @2' 2' ABBF'LG' I @ 4@' @2' K1 H2'@'A'234'N2A' E B' @2' 3 F22 ' 2 ' BN2E ' L21'E' B' 4FG'BK ' /' @2' NBN2' '^' 23A'N2AX' @2' NBN2' @'3' 234'N2AX{ K ' (F E42' *'LF 2 ' I '3' L23 A2' @ C'0' 'EA' 4 'NN E1' @ 3' @'EA' KNBE' @2' CBK @' B ' @20 ' 'FC 3 ' 3 2E42A' @ C' E' C2' LG

□ □ ⅂ ' ' /

I @ 3N2F E1 ' ſ 2' SK 2 ' BE3 1EBF2'ⅆ L2' SK 2 ' BF' I 2' 3@' ' L2' 4K ' B' N 2423X⟨

? 2 'F' '' 44 ' ' @2' K1 H23' BKEA' BKE 233' N 'KF' I @B' @ 'A' 'FF 'E12A' @2' I @B +' N 'E' B ' @2' 234 'N2 ' I ' E1' I @' '' 4B '4@' 'EA' 3 M' @BF323% E' I 4@' @2G' NKF3K2A' @2 F' BKFE2G' B' * '2 ' ' F2 '4@ E1' 2' 2 'NB 'E' FBE 2F' L2 I 22E' H2' 'EA' 3 M' E' @2' CBFE E1ſ' @2' NBN2' @FBK1@BK ' 4 'FF 2A' I @' @ C' @2' 3 '4F' C 2E ' E' @2' NGM' I @ 4@' (K3' @2' 2H2E @' 4 'FF 2A' I @2E' @2' I '3' 'O2E' NF 3BE2F' B' F 'E42 ' 'EA' I @ 4@ ' '3' ' I @' NF234 2E42'B ' I @' ' I BK A' @ 'NN2E ' @ 'A' L22E' ' 2 G' 32E ' B' @ C' '3' '' C 2C BF ' ' LG' @2' 3@BN' B ' H 1EBE!J % ! #!.

' 3' E' A 2' >K F E' ' (' '42' @' ' @2' 4BE4 'H2' EB I ' ' I 'G3' C22 3' BF' @2' 2 24 BE' B ' @2' NBN23!' =

?' E' @2' ' 2FEBBE' B ' @2' '3 ' A 'G' B ' @2' BH2EA ' ' '3' @2G' 'F2' 4 ' 2A' ' 2F' @2' A2 ' @' B ' '' NBN2 ' @2' 4 'FA E ' 3' '332C L 2' ' ' !' G H23 FB' '' BE 2' 'H ' B ' 'EA' I ' O' E' NFB4233 BE ' '44BC N 'E 2A' LG' @2 F' 4BE4 '"' H 3 ' '' 324F2 ' G ' '' 4@ 'N ' E ' 'EA' '' 32FH 'E ' BF' I B ' # ' @2' 1F2 ' '1 ' 2' B ' @2' FBG ' ' F23 A2E42 ' E' I @ 4@' BE2' I ' F2C ' E' '3' N '3 2F' 'EA' 3KNF2C 2' BFA!' '4BKF32' @2' @ ' 3' 4FB I A2A' LG' N2F3BE3 ' E E1' @2' 'H2EK2' O2N ' BN2E' BF' @2' NFB4233 BE!' 'FA E ' 3' E2H2F' L2 BF2' 322E' LG' @2C ' BF' EB ' BF' C 'EG' G2 'F3 ' N '33' L2 BF2' @2C 'ⅆ 2 '12F' 2G23' 34 'E' 'EA' C 2 '3KF2' @2C ' 'EA' FG' B' 4BE 24 KF2 ' FBC' 'E4 2A' BC 2E3' E' 2G2 ' E' 1KF2 ' BF' E' 2MNF233 BE ' I @B' I ' L2' 3@BF G' @2' 3BH2F2 1E' B ' @2 F' ' F' 4 Gⅆ 'EA' I @ ' ' 3' CK4 ' C BF2 ' @2' @2 'A' ' @2' 4 ' @B 4' @KF4@ ' FBC' @2' F 3 E1' B' @2' 32 E1' 3KE!' @2G' ' '2E 2F' 2SK ' ' BH2F' @2' @F23@B A' B ' @' ' 1' 2ⅆ @2G' 3@ 'F2' B12 @2F' @2' 3KNF2C 2' FK 2 ' 3N F K' ' ' 'EA' 2C NBF' ⅆ @2F2' 3' 3 ' 2C LB3BC 2A' E' @2C ' ' ' @2' HB 42' G2 '3 2E ' @' ' I ' 3BBE' 3BKEA' FBC ' BE2' BE1K2' BH2F' ' ' @2' I BF A ' 'EA' @2' ABFC 'E ' 12FC ' B ' @' ' 'K @BF G' I @ 4@' I '3BBE' '1 ' E' L2 ' 4BE42E F' _c2A' E' BE2' C 'E' ' BE2!' BT A 'G' @2G' 'F2 ' ' 2SK ' ⅆ N2F@ 'N3' B" C BFFB I ' BE2' I ' 3 ' 2E @FBE2A ' 'EA' ' ' @2' F23 ' I ' O 33' @ 3' 22 ⅆ BE2' I ' L2' 3BH2F2 1E ' 'EA' B @2F3' @ 3' 3KLT 24 3' ⅆ BE2' @2' 3@2N@2FA ' 'EA' @2' B 2F3' @ 3' B4O!

+ + +

?' FBC ' @2' >K F E' ' (' '42' 3 F2 4@23' BK ' @2' 2E1 @' B ' ' I @B! 2' 3 F22 ' 'E' C C 2E32' I E1 ' A H A2A' E' 3' I B' KNN2F' BBF3' E B' '' 1F2 ' 'EK C L2F' B ' 3C ' ' LK ' 4BC N 2 2' 3K 23' B ' 'N ' F C 2E 3 ' B44KN 2A' N C C ' E2E G ' BF' B44 ' 3 BE ' G ' L G' N2F3BE3' ' '4@2A' B' @2' BKF !') KF E1' 4BE4 'H2' @232' 'F2' ' B 2A ' 2F' G' 3B ' B' @2' 4 ' FA E1 ' 2 '4@' B ' I @BC' H23' 'N 'F ' I @' @ 3' B I E' ' 2EA 'E 3!' 3' BBA' 3' LFBK1@ 'A ' G' FBC ' @ 3' B I E' @BK32 ' ' EA

B ' / #;

3' BH2F@ ' K 2A ' ' EA' A2 H2F2A' B' @ C ' E' @2' 3@ ' N2' B ' / ' LFBO2E' H 4 K ' 3 (' LG' @2' I ' 4@ K ' 1K ' FA ' E3' B ' @2' #1 $ ' ' EA' ' 423 ' @FBK1@' I @ 4@' ' BE2' ' EG @ E1 ' 2H2E' 4BEH2F3' BE ' 4 ' E' N2E2 F ' 2' E B' @2' 324 K3 BE' B ' @ ' ' 3 ' 4F2A' F2 F2 ' !' BF' '' 2 I ' @BKF3 ' @2' F3 ' 2H2E E1 ' 2' ABBF3' F2' 2 ' BN2E ' ' EA' @2' EBL G ' @2' A N BC ' 4' LBAG ' ' EA ' E' ' 4 ' ' ' NF2 4E ' L 2' N2F3BE3 ' C ' G' FB ' C ' FBC ' 42 ' B' 42 ' N ' G E1' ' ' LF 2 ' 4BC N C2E ' B' 3' B44KN ' E ' N2F@ ' N3' 3N2 ' O E1' @2' 3 ' C2' 1BBA' I 3@23' B' G ' I @ 4@' @2G' OEB I ' 4 ' E' BE G' L2' ' 44B C N 3@2A' E' BE2!' 2F' @ ' ' ' ' 3' 4 B32A' (' ' I 4O2 ' 3' 2 ' ' 44233 L 2' BF' ' EG ' 4 ' FA E ' ' B' 2E 2F ' I @B' 3' EB ' G2 ' ' FF H2A(LK ' 2H2FG' ' N2F KF2' 3' 2 ' BK3 G ' 1K ' FA2A' LG' ' @ K ' ' E BF3 ' KA123' ' EA' NF2 ' 23' B ' H ' F BK3' F LKE ' 3 ' I @B' F2 2H2' BE2' ' EB @2F!' H2FG' 2 2F' 2H2E' 3' BN2E2A' ' EA' F2 ' A ' @ ' ' EB' 4BC CKE 4 ' BE3' C ' G' L2' @2 A' I @' @2' BK 2F' I BF A!' @2' H2FG' 3 F22 ' BE' ¢I @ 4@' @2' I E1 ' B ' @2' 4BE4 ' H2' BBO3' 3' L ' FF 4 ' A2A' ' EA' 1K ' FA2A' LG' ' ' N SK2 ' ' ' 2 ' 4@' 2EA' (' EA' ' 3 ' BF KE ' 2 G ' BNNB3 2' @2F2' ' F2' EB' NF H ' 2' F23 A2E423 ' + EA' ' ' @2' LK A E13' @ ' H2' ' 44233' FBC' @2' L ' 4O ' EB' E4BEH2E 2E42' 3' @2F2LG' 4F2 ' 2A!' ! ! ! ' E' @2' C2 ' E C2 ' I @ E ' ' EA' KE322E' FBC ' 7$FF% FC#',! *!# ' 1

?' I 42 ' ' A ' G' @2' 4 ' FA E ' 3' C 22 ' E' @2' 4@ ' N2 ' L2 BE1 E1' B' @2' N ' ' 42 ' E4 KA2A' E' 2' 2 B3KF2 ' ' EA' @2F2 ' BE' 4O2 3' 3B' ' FF ' E12A' @ ' ' @2' HB 2F(3' E ' C 2' 4 ' EEB ' L2' 322E ' I F 2' @2' E ' C 2' B ' @ C' BF' I @BC' @2G' 1 H2' @2 F' 3K F ' 12!' @232' N ' N2F3' ' F2' 2M ' C E2A' E' @2 F' NF232E42 ' ' EA' ' @2' EK CL2F' B ' HB 23' 1 H2E' B' ' EG' BE2' AB' EB ' 4BE3 K 2' @2' C ' BF G ' @2G' ' F2' LKFE ' E' 3K4@' ' ' C ' EE2F' @ ' ' @2' 3C BO2 ' 33K E1' @FBK1@' ' ' K2 ' 3' H 3 L 2' B' @2' 4FB I A' K3K ' G' ' 332C L 2A' E' @2' 3SK ' F2' BK 3 A2!' BC 2' A ' G ' E3 2 ' A' B ' @ 3' K3K ' ' 3 1E ' ' B' A 3N2F32 ' @2' 3BKEA' B ' N 4O ' EA' @ ' C C 2F' 3' @2 ' FA ' ' ' 3C ' ' BN2E E1' 3' 322E' E' @2' I ' ' I 4@' @ ' A' 2C NBF ' F G' L B4O2A' KN' @2' 1F2 ' ' I EAB I ' BH2F' @2' F ' ' 42' 1 ' 2 I ' G!' ' ' 3 ' @2' C ' 3BE3' B ' @2' 4BE4 ' H2' @ ' H2' BN2E2A' ' ' FKA2' ABBF ' @FBK1@' I @ 4@' 3 2N3' BK ' BE' @2' L ' 4BEG' @2' F3 ' 'FA E ' ') 2 ' 4BE ' ' EA' NFB4 ' C 3' B' @2' C ' EG ' BF' B' @2' 2 I ' I @B' C ' G' @ ' NN2E' B 2' E' I ' E1 ' @ ' ' @2G' ' 1 ' E' NB33233' ' ' 3BH2T F2 1E ' ' EA' ' ' NBE >(5 $ " !3 $

@2' N ' ' 42' 3' 3@B I E' FBC' +9' ' B' :' ' BE' NF232E ' BE' B ' ' 4O2 ' I @ 4@' C ' G' 2 ' 3 G' L2' BL ' E2A' @FBK1@' ' ' L ' EO2F!' ' 3' 3 F NN2A' B ' ' ' @ 3 BF 4 ' ' C2C BF ' 3 ' ' EA' 4BE ' E3' H2FG' 2 I ' E2' N 4 KF23 ' 3B' 3' 2' I BF @' H 3 E1(@2' H 3 BF' 3' @KFF 2A' @FBK1@' @2' FBB C 3U G' ' ' 4FB33' 4K3 BA2!

E' @2' ' EA E1' B ' @2' NF E4 N ' ' 3 ' F4 ' 32 ' E' ' ' L ' A' 1@

#

3 ' H2FG CNBF 'E F234B LG # 44 '$7'E # ' F'F2 C'3 2F B ' @2 ('AK'E 34@BB!

?' E' @2'H'K 2A' 2 E1'B ''4@'N2' E' @2'4@KF4@'B ' @2' !' NB3 B ' ' BC2' 2 BXPB' 2M24K 2A' '' IBFO' :-9 ' I@ 4@' E' @B32' C23' 4'E' @'H2' 'AC 2A' B '4BCN'F 3BE' I @' 2 I!' @2E' @2'4@'N2' I '3' F2LK ' E' @2' 2 1@ 22E @' 42E KFG' 3BC2' F'1C2E 3' I2F2' 3'H2A!' @' ' 4BCNF2T @2EA E1' @2' F2' BF' L2 I22E' 'E12 3' I '3' F2CBH2A' B' ''3 ' F4'32' E' @2' >K F E' 'N' '42 ' I@ 2'3 E1 2' 1KF23' B ''E12 3' I2F2' N '42A' E' @2' 3 '4F 3 G' B ' ' (2 2F(3!' @232' A2 '4@2A' NBF BE3' 3K 42' B' 3@B I' '' L2 'K G' 'EA' K E233' B ' BFC ' 'EA' '' 4BCL E' BE' B ' 2 'F @ G' 'EA' 3N F K' ' 1F'EA2KF' 4BCN'F'L 2' E' @2 F' I 'G' B' @2' EBL 23 'NFBAK4 BE3' B ' 'E' ' @BK1@' E' CBA2' B '2M24K BE' F' @2F' F24' E1' BF211 B!' 2F2 ' '3' E' @2' 4KNB '' F234B23' B ' BF211 B'@ C32 '@' '' 42E KFG' ' 2F' I 2' F'42' @' ' 4BE3 'E ' 2 BF' ' ' FK2'N2F3N24 H2' B ' @2' 1KF2 '@ 'FA G' E'4@'F'4 2F'N2F@'N3' I @' @ 1@' 244 23 '3 4' ' 'F (' @2' AF'N2FG' ' 3B ' 3' B ' '' 3BC2 I@' ' BFC 233' A234F N BE'(' LK ' @2' 1F'EA2KF' B ' @2' NF E4 N' ' 1KF2 ' @2' 1F'42' 'EA' F23@E233' B ' @2' 2' 'ABF E1' 4@2FKL3' 'EA' @2' 2 2H' 2A' L2 'K G' B ' @2' 'E12 3' 'F2' 2MNF2332A' I @' 'E' 2 '3G' E ' H2 G' B' I @ 4@' [E G' 2' L23 ' I BFO3' B ' 'E 21E'' 'EA' 1EBF2 '4'E' 4BCN'F2!' % 1&"!

('33 E1' @FBK1@' '' 1F2 ' @' ' BE2' @KEAF2A' 'EA' E E2 G' 22 ' BE1' I 2' 'F2' 3@B I E' '' EKCL2F' B ' FBBC3' 2A' KN' LG' (K3' !' 'EA' *F21BFG' 5 !' BF' @2' N'N' ' 3KCC2F' F23 T A2E42!' 2G' 4BE ' E' 2 I ' BL 24 3' B ' E 2F23 !' E' BE2' 4@'CL2F' 3' '' '3 ' KNN2F' LG' :7 (% E' @2' E2M ' '' E2' 'N23 FG' F2NF232E E1' @2' C'FF '12' B ' BK 3' 5 !' @2' B B I E1' FBBC3' 4BE ' E' 3BC2 BBA' *BL2 E' 'N23T F 23!

2H2F' ' 'N'F C2E 3' @'H2' CB3' 4' N'H2C2E 3 ' LFBK1@ @ @2F' FBC' N'1'E' 2A 423!' @2' 4@'CL2F' 3' 3@B I E' E I@ 4@' (K3' !' A 2A % @2' L2A' @'3' L22E' 4@'E12A!' E' @2 E2M ' FBBC % 'E' 'KA 2E42' 4@'CL2F% @2' I '3' 'O2E' NF 3BE2F! 2F2' 3' '' 4KF BK3' 'E4 2E ' N 2 F'"AKF'' B ' @2' EEKE4 ' BE

' G' @3 3'C2 C'3 2F' 3 @2 E 2F23 E1' 34B B' MK3 !' 'EA' @3 E2N@2 I3%EB I' E' @2' ' 4'E 1' 2FG!

% @2 42 E1 3 N' E 2A LG H2FL24O! E BE2 B @2
B B I E1 FBBC3 'F2 3BC2 N 4 KF23 E4 KA E1%

' * BF1 B 5!U $!
'FF '12' B ' ! ' @2F E2' ' ## $
!' (2 2F' 'EA' !' ('K) # " 3!

? @2' I B' 3 'EA E1' 1KF23' B ' !' (2 2F' 'EA' !' ('K ' '3' 'F12' '3' 2 '
I 2F2' 2M24K 2A' AKF E1' '' 3@BF 'F23 A2E42' E' BC 2!' @2' F3 ' I '3' 4BCT
N 2 2A' LG' 'N@'2 '' 2F' F'' 'F B BC 2B(3' A2N'F KF2!J% #&"!

@2 FBBC I@_ 3 A24BF' 2A I @' '' E2 CBA2FE 'N23 FG
B @2 C 'F GFABC B ! 2N@2E @ '3 '' N '3 2F F 2P2 L2 E1
@2 BF 1 E' 4 '3 B @2 F KCN@ B 2M 'EA2F @2 *F2' '
CBA2 2A BF 'NB 2BE LG @ Y7#$6 E2 B @2 '3
FBBC3 3@B 3 '' O EA B N 4 KF2 1' 2FG! CBE1 @2 L23
I BFO3 @2F2 'F2

'K ' 'EA') 'H A' 6##! - $
442' BCB' 3!$ -% $
!' U2FBC 2' ' &$ "!##
@2' 1@ ' E B' 1GN --
=' =

2F2 ' 3B 3 '' I BF @ 233 N 4 KF2 B @2 ' 2 B BE 'E' '
NF232E 2A B (K3 5! LG @2 E1 3@ ' @B 4 'A 23!
@2 ! 570 @7/-# 0@ ! 9 BN2E E1 FBC @ 3
1' 2FG 4BE ' E3 '' C '1E 42E N 4 KF2 B @2 EEKE4 'T
BE LG G8 $ ' 'EA F234B23 B @2 2 B @2 F1 E LG
#@7 @2 1F2' @' B @2 BE3 3 BFG '' L'F2 FBBC
I @ L2E4@23 @'3 '' F234B B @2 F1 E 'EA @ A LG 7 #
7 7007 BH2F 'E ' 'F!
@2 G7 $ 6 0@ Q8 7# 4 'E L2 H 3 2A I @ 'E BFA2F
FBC ,' B +,' ' @2G 'F2 E @2 3 3 G 2 B LBM @2A123
'EA 4 NN2A 'H2EK23 I @ 4 322C3 B L2 BE1 23N24 ' G

B BC2 'EA I@4@ I2 OEBI B @'H2 L22E NBNK 'F @2F2 2H2E E CN2F ' C23! (EG E @3 '44BKE B @3 K3" 4K 'E H ' A234F L23 @3 1'FA2E3 A24BF' 2A I @ ? 1KF23 B A 2F2E 'E C'3 4K E LBM 2H2F1F22E3 4 NN2A E B ' @BK3'EA A 2F2E 3@'N23 3BC2 C23 E B 2 2F3 BFCT E1 A 2F2E E'C23 I' 3 'EA @2A123 B 4K LBM 'EA F223 I 3 2A E B ' H'F 2 G B BFC3!J K @2 >K F E' 1'FA2E3 'F2 '3B IBF @ H 3 E1 BE '44BKE B @2 C'EG NF2 G 1 CN323 @2G ' BFA B ! (2 2F3 'EA B @2F A 3 'E LK A E13 'EA @2 BAA G B '3BC2 B @2 A2H 423% 'E BF1'E N 'G2A LG I' 2F &4! @2 '3 EB LK LG K1' @'3 F23T 4B23 LG 4 0 ! ? 9 :700 'E&:7

I2 KFE B @2 2 BE 33K E1 FBC @2 N' '42 I2 F2'4@% BE @2 2 % @2 2E F'E42 B @2 4BKF G'FA B @2 H'3 !7#744 69 %# 6 LK LG 'C E B (BE+B C ;<7 BF 'FA E' 4 N B BF1@232 BE '' NBF BE B @2 3 2 B @2 ' @3 B BE3 'E E2! I'3 E@'L 2A LG 'FA E' 2E " HB1 B 'EA 3B A LG@ C B 'FA E' 'P'F E I@B 2E 'F12A FBC A23 1E3 B 'F B 'A2FEB! FBC @3 C2 B -<:' I'3 E@'L 2A LG F2E4@ 'CL'33'ABF3 'EA @2E N'332A B @2 B3N 1 B3 'C G! @2 NF232E (F E42 B3N 1 B3 E@'L 3 @2 F3 BBF @3 LFB @2F! (F E42 (' 'H 4 E @2 324BEA!

@2 N' '42 32 I2 OEBIE FBC 3 @B3N ' 23 3 EB 3@BIE LK @2 76 3 BN2E BE 2AE23A'G3 'EA ' KFT A'G3! 3 3 K' 2A ' @2 2EA B '' H2FG 3C' LK NF2 G 1'FA2E N 'E 2A I @ C'1EB '3 'EA 4BE3 3 3 B @F22 4@'CT L2F3! E @2 FBB 'B @2 42E F' FBBC 3 @2 'CBK3 KFBF'' B * K AB! =

? * K AB{3 KFBF'' 3 @2'H2FG GN B '@'3 2 'EA CN2 K3'D BF 3KF2 G' EB' C 'E' 2H2F C '1 E2A' 3K4@' @KFFG 'EA KCK ' 3K4@' 3BKEA E1' 'EA' 4 '3@"

E1!' (' E 2F3' C ' E ' E' @' ' ' 3' 1@ 2A' FBC' I B' 3 A23 % @2G'@'H2' C G' K 'N2FC 33 BE' B' 1@ '#%! ' FBC' @F22' ' 'ZF ' CNFBH2' @2C ' @K ' @2' A 2F2E42' 23' 2 32 I @2F2!J% !$5!" %$7 ' !##! .' N!' 8 !'

?' @ 3' 3' @2' EBL 23 ' I BFO' B ' * K AB!' ' 3' 2C LBA ' NB2 FG!' @2' BKF3 ' @' ' @' EA' E' @' EA' 2E4 F4 2' @2' 4' F' B ' (@B2LK3 ' 'AH' E42' I @' F' N A' N' 42!' @2' N ' 2F ' C A2F' BFC 3' B ' @B32' 12E 2' 3 3 2F3 I @B' FK 2' BH2F' A24 E E1' A' G ' 'EA' @2' 1 B I E1' 1 ' E42' B ' @B32' I @B' L ' 3O' E' @2' C 2F A 'E' L ' P2 ' F23N 2EA2E ' E' @2' @K23' B ' @2 ' H2E % ' F2' B ' EB' C BF ' ' 1F ' 42' 'EA' L2 ' K G' ⇧ LK ' @2G' ' F2' 24 N32A' LG' KFBF ' ' @2F32 ' I @B' 3 ' 3' BE' @2' 1B A2E' 4 BKA3' L2 BF2' @2C ' 3@2AA E1' ⇗ 3@B I 2F3' B ' 3@' AB I E1' FB323' ⇧ BE' @2' F2 B 4 E1' 2 ' F @' ⇧ @2F' 42 23 ' ' NF232E42' A K3 E1' 1 'AE233 ' 'EA' 1@ ' ' EA' L2 ' K G' ' FBKEA!' LBH2' @2' @2 ' A3' B ' @2' @2 ' H2E G' 4BKF32F3 ' @BH2F3' @2' C BFE E1' R 'F' E' @2' BFC' B ' ' ' GBK @ K ' 4@2FKL ' L2 ' F E1' @ 3' ' C E1' BF4@!' B @ E1' 3 EBF2' ' AC F' L 2' E' @ 3' L2 ' K K ' 4BC NB3 BE' @ ' E' @2' C B BE' 1 H2E' B' @2' I @B 2!' @2' 3C BB @' ' EA' F' N A' 3 2N' B ' @2' 4 F4 E1' BKF3' ' 3' @2G' F2 ' A' BE' @2' 224G' 4 BKA3' ⇧ @2' 2FG' 3 22A3⇧ @2' I @ F E1' I @22 3' B ' @2' 4 ' F⇧ @2' BF4@' B ' K4 2F ' L B I E' L ' 4O' LG' @2' H2 B4 G' B ' @⇩V' ' AH ' E42⇧ ' EA' @2' BFC' B ' KFBF ' ' LBFE2' @FBK1@' @2' ' C L 2E ' ' F ' ' GBK' ' C B3 ' 2 ' F' 3@2' 3@BK A' B ' ' FBC' GBKF' 3 1@ !J% ' / # $7 ' 3!

? @2' I BFO' B ' * K AB' 3' C BF2' NB2 4' @' E' @' ' B ' * K2F4 EB ' 'EA' KC EBK3 ' 'EA' 3B ' ' EA' @' FC BE BK3!' KN A ' KFBF ' ' (@B2LK3 ' BFC ' '' 4 C 'M' B ' L2 ' K G ' ' EA' @2' BKF3' 322C ' ' 3' 1@ ' ' 3' @2' 4 BKA3' BE' I @ 4@' @2G' A ' E42!' J%) #% ' ' =

' EP ' NB E 3' BK ' @' ' * K AB' ' I ' G3' BBO' @2' 2EK3' A2' 2A 4 ' ' EA' @2' BL2 ' ' 3' @ 3' 'HBKF 2' C BA2 3 ' ' EA' @' ' @2F2' 3' 34 ' F42 G' BE2' B ' @ 3' ' F12 ' N 4 KF23' E' I @ 4@' @2' BL2' BF' BE2' B ' @2F' ⁄3BE3' 3' EB ' E FBAK42A ' G2 ' I @' 3K4@' A2M 2F G ' ' @2' @2 ' 3' 34 ' F42 G' N2F42N L 2!

@2' F234B23' B ' @2' F 2P2' 'F2' LG' 9 607/ @2' 'EAT 34 ' N23' LG' ! 78# : ## ' E' 'Z @' ' 'F2' LK3 3 ' 3 ' K23 ' 'EA' ' ' LFBEP2' @BF32' BKEA' E' @2' FK E3' B ' @2' ' @3!

@2F2' 3' ' ' 3C ' ' 4B 24 BE' B ' N 4 KF23% @2' BE G' I BFO' B ' F2 ' ' CNBF ' E42' L2 E1' @2' L2 ' K K ' aU7 $ ' $ ') #0 7' B ' BKF' 'H BKF' L2 ' F E1' @ 3' 4FB33 ' E' @2' FBBC' BE' @2' 2 ' E' @2' 3 ' C2' FBBC' 'F2' I⇩B ' F12 ' N 4 KF23 ') ' H A' F KCN@"

‘ ‘ /

E1‘ I @‘ @2‘ @2'A‘ B ‘ *B ' @‘ & @ /‘ 'EA‘ (2F32K3‘ F234K E1‘ EAFBC2A'‘ G8$ ‘ E‘ @2‘ FBBC‘ BE‘ @2‘ F1@‘ 'F2‘ A'C‘ 1' @2F E1‘ 1"2'H23‘ BF‘ H2‘ E‘ '‘ ('F'A32‘ I@4@‘ 3‘ 4FBIA2A‘ I @‘ 'EC'3‘ O2‘ '‘ C2E'12F2‘& (@ /‘ 'EA‘ 'C3BE‘ NK E1‘ ABIE‘ @2‘ N 'F3‘ KNBE‘ @2‘ (@ 3 E23‘ 8$ 5 ‘ 7 7

‘ 324BEA‘ 3C' ‘ 1'FA2E‘ L2 BE1 E1‘ B‘ @3'N' '42‘ 3‘ I2‘ IBF @6322 E1‘ E‘ 'G‘ FBC‘ @2‘ I2' @‘ B‘ 4'C2 '3‘ 'P' 2'3‘ 'EA‘ FB323‘ I @‘ I@4@‘ ‘ 3‘ 2A!

NNB3 2‘ @2‘ B3N 1 B3‘ (' '42‘ LG‘ F E1‘ ' ‘ '‘ 1' 2‘ E‘ @2‘ I' ‘ I2‘ 1' E‘ 'AC 33 BE‘ B‘ @2‘ # 7‘ G7 $ 6‘ 4BET E24 2A‘ I @‘ @2‘ N' '42‘ E‘ @2‘ ('PP'‘ ! NB3 B ‘ LG‘ '‘ 32F 23‘ B ‘ LF A123‘ '4FB33‘ @2‘ E 2FH2E E1‘ 3 F22 ! 2F2‘ BE‘ '‘ B G‘ 2FF'42‘ I@4@'@'3‘ '‘ E2‘ H 2I‘ BI'FA3‘ @2‘ 'N B ‘ 'EA‘ BH2F3@'ABI2A‘ LG‘ 1F'EA‘ 4GNF23323‘ 'F2‘ @2‘+4B B33'‘ F2C' E3‘ B ‘ @2‘ 7 %# ‘ '0@ ‘ 8 ‘ @K12‘ F'1C2E 3‘ B ‘ 4BFE 42 ‘ LK ‘ LG‘ KF2 'E‘ % & ‘ 9-<"-\ ! ‘ @2‘ B @2F 2EA‘ B ‘ @2‘ 2FF'42‘ BBO E1‘ ABIE‘ @FBK1@‘ IB‘ L'FE3‘ E B‘ '‘ O EA‘ B ‘ N ‘ I2‘ 4'E‘ 322‘ 3BC2‘ F2C' E3‘ B ‘ @2‘ : 70@6‘ ‘ 6070 0 %LK ‘ !) ! 79 ; % 'EA‘ B ‘ @2‘ 1F2' ‘ 3 ' F4'32‘ I@4@‘ 2A‘ KN‘ B‘ @2C‘ FBC‘ @2‘ H' 2G‘ L2 BI!‘ @2‘ NBF 4B‘ B ‘ @232‘ L' @3‘ F2T C' E2A‘ 2F24 ‘ ‘ @2‘ C2‘ B ‘ 2C2E ‘ 5 ! -7<":< ‘ 'EA‘ I'3‘ 'ABFE2A‘ I @‘ BKF‘ C'FL 2‘ 3 ' K2 ‘B ‘ I@4@‘ IB% @B32‘ B ‘ @2‘ IB‘ BE3 'E E23% C'G‘ EB I‘ L2‘ 322E‘ BE‘ @2‘ 2FF'42‘ B ‘ @2‘ 'N B !‘

2E2' @‘ @2‘ C'1E 42E ‘ 4GNF233" F223‘ BE‘ @2‘ 3 BN2‘ B ‘ @2‘ @ ‘ 'F2‘ 32H2F' ‘ E2‘ 3'F4BN@'1 ! E G‘ @2‘ 3 2C‘ 3‘ NF232FH2A‘ B ‘ @2‘ 1F'EA‘ @3 BF 4' ‘ N E2" F22‘ I@4@‘ I'3‘ N 'E 2A‘ BE‘ @2‘ A'G‘ BE‘ I@4@‘ B '‘ A ‘ 2EP ‘ A 2A ‘ 'EA‘ I@4@‘ I'3‘ BE2‘ B ‘ @2‘ 1F2' ‘ BFE'C2E 3‘ B ‘ @2‘ 4 G‘ ‘ , : , ‘ I@2E‘ ‘ I'3‘ LFBO2E‘ E‘ '‘ 3 BFC!

UK3 ' L2GBEA' @2' 2EA' B ' @2' 1 'FA2E ' 'F2' @2' 1F2 ' ' 5 0' 'EA' @8 @' ' ' #5 60 ' 7' 0 ' 757## % L2 BE1 E1' B' @2' 33 BE 'F 23' B ' !' E42E ' A2' ('K % E!' I @ 4@ @2' 'FT A E ' 3' C22 ' L2 BF2' 1B E1' E' NFB4233 BE' B' @2' BE4 'H2!' ' 4BE ' E3' '' 2 I ' F ' @2F' 1BBA' N 4 KF23!' @2' 4KNB '' B ' @2' 324BEA' 4@ 'N2 ' @ '3' F234B23' LG' & @ ' B ') 'H A' A 'E4 E1' L2 BF2' @2' FO % @2' >K22E' B ' @2L '' 'EA' B BCBE ' % UKA @' I @' @2' @2 'A' B ' B B 2FE23 % 'EA' 3 @2F ' E E1' L2 BF2' @ '3K2FK3!' @232' 'F2' 4BE3 A2F2A' LG' 'EP ' '3' 3BC2' B ' @2' E23 ' F234B23' B ' @2' C '3 2F!' E' @2' 2 ' F 'E32N ' 3' '' 4@ 'N2 ' 4BE ' E E1' '' N 4 KF2' B ' @2' 33KCN BE ' N ' E 2A' BE' 3 ' 2 ' 4BE3 A2F2A' 2' C '3 2FN 242' B ' $9 ' G7 07 ' @2' '3 ' 4@ 'N2 ' LK ' BE2' BE' @2' 2 ' @ '3' '' 42 E1' LG' 75 ' $ 9 ' 'EA' F234B23' BE' @2' I ' 3' LG' ! # $ ' $7' 7 7P 57%% ' @2' N 4 KF2' BH2F' @2' ' 'F ' F2NF232E E1' !') BC E 4' 'EA' !' ' @2F E2' B ' 2E ' ' 3' LG' 7 (00 ' #I 0 (' ## ' 'FA E ' ' 2E HB1 B% I @B' I FB 2' @2' @ 3 BFG' B ' @2' I 'F3' E' 'EA2F3 ' 'EA' H2A' E' @2' B3N 1 B3 ' (' '42% 3' LKF 2A' @2F2!

2' EB I ' F2 '4@' @2' @2 1@ ' B ' ' 'E 'BNB ' FBF '' I @ 4@' @2' 3 @CK3' I @ 4@' B E2A' @2' >K F E ' ' B' @2' 'N B E2' I '3' 4K ' ' I 'G' LG' F ' 'E!' 2F2' 3' '' 4F '33' I 'G3!' E' @2' F 1@ ' 3' '' A2342E ' B' 2' BFKC ' B ' F ' 'E ' ' ' @2' 3 A2' B ' I @ 4@' 3' @2' H '' B ' 'FA E ' ' E BE2 ' 'EA' L2GBEA' ' @2' @ 'EA3BC2' CBA2FE' N ' '42' B !' BKE ' F 'N 'E ' 4BK3 E' B' @2' # E1' B ' 'N 23!' =

NNB3 2 ' 3' @2' @8 @' ' 07 ' 70 7' $ ' 7 ' NB3T 3233 E1' 3BC2' F234B23' ' F LK 2A ' BE' ABKL K ' 1FBKEA3 ' B' @2' F 'F2' C '3 2F' @ 0 ' $ ##7') 0 ' A B E E1 ' 3' '' 'F12' 4BEH2E ' 2E4 B32A' I @ E' @1' NF24 E4 3' B ' I @ 4@' 3' @2' ' ' LF 40' C2A '2H ' ' B I 2F ' 3BC2 C23' 4 ' 2A' @2' B I 2F' B ' 2FB

LK ' 12E2F' G' OEB I E' '3' @2' ' $ ## ' # 4 ' ' @2' BC 'E' '!' ' I '3' 2F24 2A' LG' @2' 3BE3' B ' (2 2F' 2M K3 ' '' L 'FBE6' '4@2A' B' @2' N 'F G' B ' @2' 2E' BF' ('EAB ' A2' KLKFF'!' @ 2' B I 2F' N 'F ' 3' 3' A' B' @'H2' L22E' LK ' E' F 'FB ' @2' KNN2F' E' 98:' 'EA' 77<!

?'(2BN 2' N '33' @FBK1@' I B' F21K 'F' 4BKF323' B ' 3 KAG' ' ' BC2 % @2' F3 ' E' 2 'FE E1 ' 'EA' @2' 324BEA' E' KE 2 'FE E1!

?'/' @ 3' 3' @2' B I 2F' B ' 2FB ' FBC' I @ 4@' @2' 3 ' I ' @2' 4 G' E' 'C23 % ' 'EA' @ 3' 3' @2' 2C N 2' B ' BE4BFA "% 'EA' @ 3' 3' @2' 2CN 2' B ' '3 BF' 'EA' (B KM % 'EA' @ 3' 3' @2' 2C N 2' B ' 23 ' % 'EA' @232' ' 2' @2' @' @3' B ' ('K K3" C K3 6% 'EA' 3B' BE ' 3 ' G3' GBKF' '4SK2G!

?'/' @ 3' 3' EB ' @2' B I 2F' B ' 2FB % EBF' @ ' @2' 2CN 2' B ' '3 BF' 'EA' (B KM "% EBF' @2' B @2F' @2' 2C N 2' B ' BE4BFA % EBF' 'F2' ' EG' B ' @232' @ E13' I @ ' ' @2G' 'F2' 4' 2A 7 3' G3' GBKF' 'E SK 'FG!J % / # $7 ' 3!

@2' BEH2E ' B ' '!' ' 2F E '' I '3' LK ' G' ' 42 2LF' 2A' BF '' B BEE' ' I @B' F2SK23 2A' @2' 'AH 42' B ' 4@'2 ' E12 B' BE' @2' 3KL 24 ' 'EA' I '3' B A' @' ' 3@2' @' A' L2 2F' C '02' @2' 'E4 2E ' ? BFF2J' E B' '' L2 FG!' ' H2FG' 4KF BK3' '44BKE ' B ' @2' E 2FH 2 I ' E' I @ 4@' @ 3' 3KL 24 ' I '3' A 3T 4K332A ' 'EA' I @ 4@' BB 4' N '42' E' @2' 4@KF4@' B ' !' H23 FB' '' ! LE 2' 'H' B ' 3' 2 ' K3' E' @2' C2CB F3' B ' F'E4234B' A0 'EA' ' '' (BF K1K232' N' E 2F ' I @B' I '3' @ C32 ' NF232E ' ' ' @2' 4BEH2F3' BE!

2 'F' @ 3' NB E ' 'F2' I B' B @2F' E2' 2A 32H' ' B I 2F3!' E2' 3' B' @2' F 1@ ' B ' @2' A2342E ' B' @2' BFKC' B ' F' 'E ' L2 E1' F' ' B ' @2' B BEE' 3 ' EB I ' 4' 2A' '$ ' : 7I$ ' BFE' C2E 2A' I @' @F22' L2' K K ' F' 1C2E 3' B ' 34K N KF2A' F 2P2 ' BE2' B ' @2C' L2 ' F E1' @2' A2H 42' B ' @2' B BEE' ' '' 4FB I E2A' 4B KCE' F 3 E1' FBC' '' I F2' @!' @2' B @2F' B I 2F ' CC2A ' 2 G' '4 E1' K3 ' 3' 4' 2A' '$ # G ## ' FBC' @2' 'E4 2E ' 'C G' B ' @' ' E' C2!

NNB3 2' '!' ' 2F E'' 3' @2' @'EA3BC2' @8 @' ' '
& ' ' 60 ' 'NNFB'4@2A' LG' '' 1BBA' ABKL 2' I 3 2A'
3 ' F4'32!' H2F' @2' 324BEA' ' 'F' BE' @V 2 ' 3' '' N 4 KF2'
B ' @2' C'FF '12' B ' '!' ' @2F E2' LG' ## % 7 ' 'EA ' BE' @2'
'EE H2F3'FG' B ' @2F' H 3 BE'FG ' C'FF '12' UK G' 8 ' @2' AF 2A'
@'EA' B ' @2' 3' E ' 3' 2M@ L 2A' @2F2' B' @2' KE3 2'O'L 2'
4BC BF ' B ' @2' ' @ K!

KFE E1' LG' @ 3 ' 4@KF4@' E B' @2' '' '1'E'BNB '
BFC2F G' '1'E'BNB ' '' 4BFFKN BE' B ' ' E2'' ('K % ' @3'
B ' C K3' ('K K3 ' I 2' N'33' BE' @2' 2 ' @2' !7#744 ' #$ ('
I 7 $ ' I @' '' LF 1@ ' N 2'3'E " BBO E1' 4BKF ' 'EA' @'EA3BC2'
BKE ' E!' @2' NF232E ' (F E42' ABLF'EA E ' 3' LFB @2F' B '
(F E42' BF1@232!' ' @ 3' 'C G' I '3' !' (2 FB' ABT
LF'EA E ' 12E2F' G' OEB I E' '3' !' (2 FB' 1E2B ' I @B' I '3'
4'EBE P2A' L24'K32 ' E' <;-' @2' I ' O2A' KE@KF ' 4FK4 M' E'
@'EA ' @FBK1@' '' LKFE E1' 2FG' KFE'42' 2E' 22 ' BE1' L2 BF2'
@2' 4@KF4@' ABBF' B ' 2 CB ' E2'F' BF2E42 ' B' NFBH2' 'E'
'44K3' BE' B ' 3 CBEG' I @ 4@' @2' @'A' LFBK1@ ' '1' E3 ' (2 FB'
A ' ('H ' ' L 3@BN' B ' @' ' 4 G!

E' @2' '' A ' 'PP'F E ' E' @ ' @B B I ' L2 I 22E' @2'
>K F E' ' 'EA' C E' ' 3' @2' 5 0' ' 07 ' %707' '
8I8 7 ' @FBK1@' @2' 4BKF G'FA' B ' I @ 4@' I 2' 2E 2F' @2'
@8 @' ' 07 ' %707' $ ' G 0 ' ' F'A BE' A24 'F23' @' '
@ 3' O2' !' 'LL ' BE' @2' H2E E2 ' 3' BE' @2' 3 2' B ' ''
'' @BK32' B ' '!' H ' ' CB @2F' B ' !' *F21BFG' @2' *F2' ' I @B'
4BE324F' 2A' @2' 4@KF4@' ' 2 I ' @'A' L22E' N KEA2F2A' LG' @2'
*B @3 ' 'EA' A2A 4' 2A' ' B' '!' 1' '!' ' I '3' F2LK ' LG'
4 C2F ' @2' O E1"C'02F ' E' & ' :-9!' I 2 H2' 'E4 2E '
1F'E 2' 4B KCE3' 'EA' '' @'EA3BC2' BNK3"' 2M'EAF EKC' N'H2T
C2E ' 'F2' 3' BE G' 3 1E3' B ' 'E SK G!' @2' 4@KF4@' EB I '
L2 BE13' B' @2' F 3@' 2C E'FG!' E' @2' 2 ' ' 3 2' 3' @2
!' ' '

‘ ‘ /

CBEKC2E‘B‘)‘E 2‘ ⍰ BEE2 ‘ I @‘L‘3"F2 2 3‘LG‘ 2EPBE‘ E34F L2A‘0%

?‘ @ 3‘ CBEKC2E ‘4BE ‘E3‘ @2‘ @2‘F‘B ‘ ⍰ BEE2 ‘I@B‘AG E1‘‘‘ *2EB‘‘BE‘@ 3‘I‘G‘ B‘ @2‘ 2FE‘‘ G‘L2SK2‘@2A‘@ 3‘3BK‘ B‘ *BA‘@ 3‘ LBAG‘ B‘ F2 ‘EA‘‘EA‘@ 3‘@2‘F‘ B‘ BC2!‘ 2‘ 3‘F2NF232E 2A‘‘‘ @2‘L‘F‘ B ‘ @2‘ F 3@‘ BK32‘B‘ BCCBE3‘ E‘) 5 5 !‘I@2E‘@2‘F2 K32A‘ B‘ ‘O2‘ @2‘‘E "4‘ @B 4‘A24 ‘F‘ BE‘ E‘ @232‘F2C‘FO‘L 2‘ IBFA3% /‘ ‘‘‘ BE42‘F2 24‘ @ 3‘A24 ‘F‘ BE‘D‘N‘F‘B ‘ ‘‘L2 2H2‘ B‘L2‘KE FK2‘‘EA‘ @2‘ F23‘‘OEBI‘ B‘L2‘ ‘32!⍰ 2‘I‘3‘LBC‘H!‘ K1!‘) 5 5 !‘‘EA‘ A 2A‘5 ! ‘G‘) 5 !‘ F24 2A‘LG‘ @‘F 23‘ ‘E4BE ‘ @2‘ ‘ @K‘F 2EA‘B‘ @2‘ CCBF‘‘ L2F‘ BF‘‘EA‘B‘ F2 ‘EA‘ @2‘ ‘EA‘B‘@ 3‘ ‘ABN BE!J

‘ @2‘ 2EA‘B‘ @2‘ 2 ‘ ‘ 3 2‘ 3‘+! 4@‘N2‘ I@ 4@‘ ‘FA E‘‘‘ E BE2 ‘ I@B‘@‘3‘@ 3‘N‘ ‘42‘E2‘F‘ @ 3‘A24BF‘ 2A‘ ,;7‘ I @‘ F234B23‘ ‘EA‘ ‘F‘L23SK23‘ ‘3‘ ‘‘ LKF‘‘ N ‘42‘ BF‘ @3‘ ‘C G! E‘ @2‘BNNB3 2‘4@‘N2‘ 3‘‘1 ‘ 1KF2‘B‘ ‘! 1‘‘‘ 4‘FF7E E1‘ @2F‘ LF2‘3 3% 3@BI E1‘ @2‘ C‘EE F‘ E‘ I@ 4@‘ 3@2‘ 3K 2F2A!

?‘ 1‘ @‘‘ I‘3‘‘‘ C‘A2E‘B‘ ‘ ‘E‘‘ E‘ 4 G‘I@ @2F‘)24 K3‘ @2‘ 2CN2FBF‘ 32E‘‘>K E ‘EK3‘ ‘3‘ 1BH2FEBF!‘ 2‘ E ‘C2A‘LG‘ @2‘L2‘K G‘B‘ 1‘ @‘‘‘ 2CN 2A‘@2F‘ I @‘F 4@‘1 3‘ ‘EA‘ NFBC 323‘ LK‘ 3@2‘ F2NK 32A‘ @C‘I @‘A 3A‘E!‘ @2E‘>K E ‘EK3‘ BFA2F2A‘@2F‘ B‘L2‘ LBKEA‘ ‘EA‘ L2‘ 2E‘I @‘FBA3‘‘EA‘32E‘ IB‘B‘@ 3‘3 ‘H23‘ B‘ 2‘F‘@2F‘LB3BC‘I @‘ FBE‘ 3@2‘F3‘‘EA‘ ‘3‘@2F‘L BBA‘ BI2A‘ BF @‘3@2‘ 3‘A‘ B‘@ C‘/‘ ‘@BK‘4FK2‘ GF‘E‘‘‘F‘ @BK‘EB‘‘3@‘C2A‘ B‘ F2‘‘C2‘ @K3% @‘3‘ @BK‘EB‘ @G32 ‘ L22E‘ 2A‘‘‘ @G‘CB @2F⍰3‘LF2‘3 3‘R⍰ @K3‘BE G‘A A‘3@2‘CKFCKF!‘ EA‘ E‘ @2‘E 1@‘‘‘H2E2F‘L 2‘C‘E‘ 4‘C2‘ B‘@2F‘‘F E 1‘‘‘H‘32‘B‘BE C2E ‘ ‘EA‘L2 BF2‘ @C‘I‘ O2A‘‘‘ GBK @‘ L2‘F E1‘‘‘ BF4@!‘ ‘I‘3‘ @2‘ @B G‘ ‘NB3 2‘(2 2F‘‘EA‘ @2‘GBK @‘I‘3‘ ‘E‘‘E12‘⍰LK‘ 1‘ @‘‘OE2I‘‘EB ‘ @BK1@‘3K4@‘‘‘1 BF BK3‘ 1@‘ 2A‘>2‘NF 3BE‘@‘‘ @2‘1K‘FA3‘ 2A‘ E‘ 2FFBF!‘ !‘ !‘ !‘ @2E‘ !‘(2 2F‘C‘A2‘@ C32 ‘OEBIE‘‘EA‘ C E 3 2F2A‘ B‘ @2F‘F23 BF E1‘I @‘@2‘H2E G‘L‘ C‘@2F‘IBKEA2A‘LF2‘3 3!

? >K E ‘EK3‘ E KF‘ 2A‘A2C‘EA2A‘I@B‘@‘A‘@2‘ 2A‘@2F!‘ @2‘ F2T N 2A‘/‘ 2‘I@BC‘‘4BE 233‘‘EA‘‘ABF2‘I @‘@2‘F‘‘EA‘ N3‘@2‘@‘ @‘32E‘ @ 3‘‘NB3 2‘I@B‘@‘ @‘@2‘ 2A‘C2!⍰ @2E‘>K E ‘EK3‘ 4‘K32A‘@2F‘ B‘L2‘ @FBIE‘LBKEA‘ KNBE‘‘‘1F2‘‘ F2‘LK‘ 3 ‘E G‘‘E‘2‘F @SK‘O2‘‘FB32‘‘EA‘ @2‘N2BN 2‘ E‘ 2FFBF‘4F 2A‘/‘ @ 3‘H 3 ‘ BE‘ 3‘32E‘L24‘K32‘B‘ @2‘3K 2F"

4 ' 6 ' / ' 6

E13' B ' @2' C ' A2E' 1' @'!(' B' @2' 4'K32A' @2F' B' L2' 'O2E' FBC' @2' F2 ' 'EA' 4'FF 2A' L'4O' B' NF 3BE ' I @2F2' 3@2' NF'G2A' ' BKA' @' ' @'H E1' EB I ' NFBH2A' @2F' ' @ ' 3@2' C 1@ ' L2' F22A' FBC ' N ' E' 'EA' 322'U@2' 1 BFG' B ' * BA' D% ' EA' @2F' NF ' G2F' I ' 3' ' E3 I 2F2A' ' EA' @2F' 3N F ' E3 ' E G' A2N ' F 2A' E B' 2 2FE ' ' 1 BFG ' 2L!' \ ' !) !' 9 \ !J ( ) 3' #%!' 77 / !&!$5!' 5!'"'!' ' 9! & $ 'J

1' @'' N' FBE233' B ' ' 'E ' ' 3' BE2' B ' @2' 3' E 3' CB3 ' F2H2F2E42A' LG' @2' BC 'E' N2BN 2!' E' @2' \ @' B ' 2LFK 'FG ' @2F' H23N2F3' 'F2' 3KE1' @2F2 ' I @ 4@' 4BE ' E' @2' 'E N@BE3' D%

/'/' @B' 'F ' @BK' @' ' 'F ' 4BC 2' B' @2 ' ' C G' I BKEA 3'R% ' ' C' 'E' 'NB3 2' B ' @F 3 ' ABKL 'EB '4BE42C ' C 2 ' C G' A 'K1@ 2F!

?' 2A 4 E2' BF' @2' LBAG' @ 'H2' ' E2H2F' K32A' ' LK ' '@ 'H2' @2' BFA' U23K3' @F 3 ' I @B' I @' @ 3' I BFA' ' BE2' F23 BF2 @' ' ' @ E13!

? ' F2EA2F' @ 'EO3' B' @22 ' ' BFA' U23K3' @F 3 ' BF' @' ' @BK' @ '3 ' L22E' C EA K ' B ' C 2 ' 'EA' @ '3 ' 32E ' @ E2' 'NB3 2' B' @2 ' ' C G' I BKEA3!

? ' L 233' 22 ' ' ' @2F' B ' C G' BFA' U23K3' @F 3 ' L24 'K32' @FBK1@' @ E2' 'NB3 2' @BK' @ '3 ' F23 BF2A' C G' LF2 '3 3' B' C 2!

?' C ' I @B' @ ' @' HBK4@3' 2A' B' @2 ' ' C 2' B ' 2H2FG' I BKEA ' 'EA' B' F2T 3 BF2' B' C 2' C G' LF2 '3 3 ' @ C' AB' ' EHBO2 ' 2H2E' @2' H E1' * BA!

' ' V ['

?' 2332A' 1' @ ' ' 3 'EA E1' E' @2F' NF 3BE ' 3 F2 4@2A' BF @' @2F' @ 'EA3' 'EA' NF 'G2A' KE B' @2' BFA ' 3 'G E1 ' / ' BFA' U23K3' @F 3 ' C G' 1BBA' C '3 2F ' ' @ 'EO' @22' L24 'K32' @BK' @ '3 ' 1 H ' C 2' 3 F2E1 ' B' BH2F4BC 2' @2' BF KF23' B ' @2' 2M24K BE2F3D' 'EA' EB I ' BFA ' 3N2 'O' @2' I BFA ' @' ' ' C 'G' A2N ' F ' @2E42' B' @G' 1 BFG' I @ 4@' 'A2 @' EB ' ' I 'G!J

@2' BCL' B ' UB@E' '34 'F 3' ' F2 K122' FBC' BET 3 'E EBN 2' I @2E' 'O2E' LG' @2' KF03 ' @ '3% E' * F22O% @2' E34F N BE' D%

?' '34 'F 3' 23' @2F2' E' '' BF2 1 '1F 'H2D' LK ' 3 F'E12F ' @' ' AB23' EB ' A 3 KFL' @ C ' F ' @2F' AB23' @2' F2 B 42'D G2 '@2' 3' EB ' I @BK '3BFFB I ' '3' '' * F24 'E ' @' ' @ 3' ' @2F ' EA' I ' EB ' L23 B I ' KNBE' @ C' @2' F22ABC' B ' '' 1F 'H2!J'

('33 E1' @2' 1F2' ' BEH2E ' B ' !' 2FE'FA EB' 2E2E3 3' I 2' F2 '4@' @2' '' A2 ' 2FN6 2E ' E 2F23 E1' '3' B44KNG E1

' ' 9

@2' 3KNNB32A' 3 2' B ' @2' ' 3' >K F E' 3 ' I@2F2' UK K3' (FB4K K3 ' F2 KFE E1' FBC' L'' BE1'' 2E4BKE 2F2A' @2' 1@B3 ' B ' BFEK K ' 0

?' 2A' (FB4K K3' BE1''H2E 2L''UK K3' L'!D
KE'SK2' K 12L' D' E24' '4 3'K3K3'2F' 0
KC'3KL B'C B K'EKL23'4F2NK2F2'3 E 3 F320
2 K ' 2'1F'AK3 '@BFFK2FKE SK2'4BFE3!
(A4@2F' 2 '@KC 'EB' C ' BF ' F'L2 SK2'A24NFK3
BC K K3' E' C 2A ''H 3K3' 'A2332'H '!J
' *7 5.') #' !' :8,!

KFE E1' B' @2' F 1@ ' AB I E' @2' '' A2 ' 2FN2E ' I 2' F2'4@' @2' ('PP' '!' 'F '' E' B+ ' 4BE ' E E1' '' BKE ' E ' 'EA' '' 4@KF4@' A2A 4' 2A' B' !' 2F1 K3' 'EA' ('44@K3 ! I B' C 'F GF3' I@B' 3K 2F2A' KEA2F' 'M C 'E' ' ' '3'N@'' E' GF '!

E2' 3 A2' B ' @ 3' N 'PP'' 3' B44KN 2A' LG' @2' @8 @' ' 07 ' 7 7' ' 0 -' E' I@ 4@' 3' A2NB3 24 ' '' 1KF2' B ' @2' L211'F' 'LF2' 4'EBE P2A' LG' (K3' 5 ' E' , ;< ' AF2332A' E' @2' 1B I E' B ' '' C2EA 4'E "N 1F C ' I@ 4@' @2' IBF2' I@2E' H E1!' H2F' @2' ' 'F' 3' '' N 4 KF2' B ' @ C' E' @2' B 32KC ' A 3 F LK E1 ' B' @ 3' 2 B I "L211'F3' @2' ' C3' I@ 4@' @2' @'A' BL ' E2A!' 3' 2 2' R' BL32FH2A' @2F2' BE' NF ' ;!!' ' B!' 7' '' A2 ' 2FN2E ' BE2' C 'G' H 3 ' @2' 4@' CL2F' E' I@ 4@' 'LF2' A 2A% 'EA' E' @2' '' A2 ' FB4 2F ' E2 'F' @2' BKE ' E' B ' F2H ' '' 4@'N2 ' 4BE ' E E1' C ' ' B ' @ 3' F2 43 % @2' L2A' BE' I@ 4@' @2' A 2A ' @2' 4FK4 M' I@ 4@' @2' IBF2' E' @ 3' LB3BC ' &4!

?' 2EB 'UB32N@' 'LF2' E'SK '2E' -:,'A'E3' 2' A B4232' A2' BK B1E2' F'E42 'A2'N'F2E 3' @F2 2E3' 2 ' BK 33'E 'A()KE2' CBA23 2' ' 3'E42!') ()MC2' N 2 A'H H2' 2 ' 2EAF2 ' 'HBK K ' A()'LBFA' 32' ' F2' F2 1 2KM' D' C ' 3' 3'' 3'E 2' E2' NK 'F23 3 2F ' E ' 'KM F21 23' A23' @'F F2KM ' E ' '42 23' A23' F'NN 3 23 ' 4@2P' 23SK2 3' ' 2E '' 3K44233 H2C 2E !' ',1#' " ' " -#!' $#! !1 !' 3!$#' 23 ' 'A 'A'E3' ''EB 42' 3KF' 3'' +c' 5!' 3! #& ' 3#!' * !' 5!' '!$ #!$-!' !# 5!' -% #' 1' $" !1' 51' !-"!' (2EA'E ' 32N ' 'EE223 ' ' N'F4BKFK ' 2E

9 / ') ' / ' / / ' 9 9 /

N2 2F E"E 2EA 'E ' 23' 3 'E4 K ' F23' A2' '' 2F12' 23' N K3' H2E2F23' A2' BK 2' ◊ KFBN2◊ BE' '' 4' 4K 2' SK◊ ' ' ON 2A ' N K3' A2' AES' C 2' 2K23 ' N2ET A 'E ' 423' 32N ' 'EE223!

? E' - - - ' ' F2H E ' 2E' ' 2 ' NBKF' E2' N K3' 'E' 3BF F!' ' @ 'L ' ' BC 2 ' ' 3 'E ' 32K 2C 2E 'KE2' B 3' 4@ 'SK2' 'EE22 ' 2' NA2E E '12' A2' BF2 2!' ' N '33' 'KE2' 1F 'EA2' N 'F 2' A2' 323' BE C 223' A 'E3' 23' 21 323 ' C 2EA ' ' 2 ' ' 3 ' 'A23' B2KHF23' A2' 4@ 'F 2!' '4BK4@ ' 'SK2 SK2 B 3' 3BK3' 2' NBF SK2' A23' 21 323 ' 2 ' 2' N K3' 3BKH2E ' 'K' B G322' A2FF 2' '' N2 2' 4@ 'N2 2' A2' '' 4 ESK 2C 2' 3 ' BE' AK' 4@ C E' A2' '' 4FB M!' ◊21 32' SK ' F2SK2E ' ' 2' N K3 ' 2 ' ' 42 2' A2' 2!' 'F 2' A23' BE 30◊ 2' ;' HF ' - , 7 ' 'NF23' G' 'HB F' NF 2' BF ' BE1 2C N3 ' 2E' 3BF 'E ' ' BCL' ' 4BC C 2' 2H 'EBK ' 3KF' 23' E 'F4L23' AK' N2F 3 G 2' A2' ◊21 32!' E' 2' F 'E3NBF '' A 'E3' KE2' C ' 3BE' HB 3 E ' B ' ' KBKE ' 2' 3B F > ($!' $$! !'% 3!

CB3 ' BNNB3 2' 0 3 '4@KF4@ ' '' E 'FFB I ' ' 2G ' I @ 4@' 'NT N2 'F3' B' L2' '' 8#($ (67 ' 2EA E1' E' '' N 4 KF2' B ' @2' FKA M BE ' 3' E' F2' G' @2' 'NNFB '4@' B' @2' 4 'F2 K G' 4BE42 ' 2A R+1 R+W' '0@ 'E7 6 7 ' 8 6 ' 12E2F ' G' OEB I E' '3' @2' 9 #0 ') 5 ' @2' BE G' C2 'E3' B ' 4BC CKE 4 ' E1' I @' @2C' 3' LG' F 'NN E1' BE' '' L 'FF2 ' I @ 4@' NFB 24 3' FBC' '' I ' ' BE' '' N ' BFC' 'LBH2' ! @2' FBB 3' B ' @2' @BK323 % I @2E' '' @K 2A' HB 42' 3' @2 'FA' FBC' @2' E 2F BF % 'EA' ' GBKF' F2 2F2E423' 'F2' 3 ' 3 '4 BFG ' @2' L 'FF2 ' KFE3' FBKEA' 'EA' H2E K ' G' A 34 B323' '' O2G' LG' I @ 4@' @2' E 2A' 4 'E' 'AC ' @2C 32 H23' B' '' 3C ' ' 4@ 'CL2F' E' @2' E 2F BF' B ' @2' 4BEH2E !' H2F' 3' ABBF' 3' 'E' E34F N BE ' L AA E1' @B32' I @B' 2E 2F' @ ' ' 4@ 'E12F' B' 2 'H2' ' ' I BF A G' @BK1@ 3' L2@ EA' @2C◊ BKEA' @2' I ' 3' 'F2' E34F L2A % ?' >K ' EBE ' A 1 ' C 'E2 ' E' CBF !J% ?' '' 23 ' H '' @BC E 3' 3KN2F' 2FF ' C!J % ? $2F' ' 2F K3' BN2F '' NBF ' 2J◊ 'EA ' BE' @2' B @2F' 3A2' BNNB3 2' @2' ABBF

?' ' 23BF B' '' F C F 'F'
' 'H '' A2 ' EBEAB' =
2 '' 3 ''4@2' '' C F ''
E' C BF LBEAB!J

+ ' ' /

E' BE2' B ' @2' I ' 3' 3' 'E' BN2E E1' I @' '' ABKL 2' 1F 2' L2T GBEA' I @ 4@' 3' '' C2 ' ' N ' 2 ' N 2F42A' I @' @B 23' O2' @2' FB32' B ' '' I ' 2 E1"NB ! " ' 3' L2GBEA' @ 3' 1F 2' 'EA' L2@ EA' @ 3' N ' 2 ' @' ' @2' 'LL233' B ' @2' 2NB 2' H2' F242 H23' @2F' H 3 BF3 ' LK ' 3@2' 3' 2H2E' @2E' H2 2A' FBC' @2'A' B' BB ' E' @2'HG' B A3' B ' @ 4O' LKF2!' *F21BFG' 5 ! ' I@B' B ' 4BKF32' 4BK A' N2E2 F' 2' I @ E' @2' 4BEH2E ' 'EA' I@B' I 3@2A' B' FG' @2F ' 3' A ' ? BF2 '' C ' ' 2H' 2' ' H2 B!J' ? B ' C B' N'AF2 .' 3@2' F2N 2A ' ?' ' H 2 ' B' A' '' EB3 F'' F21B '!J

@2' EKE3' B ' 2NB 2' H2' 'F2' E2H2F' 322E' '1' E' ' 2F' @2G' BE42' '33KC2' @2' L '4O' H2 ' @BK1@' @2G' 'F2' ' B I 2A' ABKL 2' @2' BFA E'FG' EBH 4 ' 2!' @2G 'E2H2F' @2 'F' 'EG @ E1' B ' @2' BK 2F' I BF A ' 2H2E' B ' @2' A2' @3' B ' @2 F' E2'F23 ' F2 ' BE3!') ' G ' @2G' 'F2' 3' A' B' A 1' @2 F' B I E' 1F'H23' 'EA' 2' AB I E' E' @2C ' 'EA' @2 F' F2C ' E E1' BKF3' 'F2' B44KT N 2A' E' N2FN2 K' ' 'EA' CBEB BEBK3' 'ABF' BE' B ' @2' 2332A' '4F' C2E !

2 KFE E1' '3' 'F' '3' @2' '' (AE2' 2' (2FE '' '' 4BE EK' BE' ß B ' @2' '' '1'E'BNB ' I 2' '342EA' @2' 3 BN2' B ' @2') 7# > ## ' EB I ' I @' A 4K G' B' L2' A 3 E1K 3@2A' FBC' @2' >K F E' ! ' A2F H23' 3' E' C2' FBC' 5 7 ' B3 2F3 ' 'EA' I '3' BE42' NFBL 'L G' 4BH2F2A' I @' I BBA3 ' 3 E42' '' 2CN 2' B ' G '' H'EK3' BF' ('E' I '3' BE2' B '32H2F' ' I @ 4@ ABFE2A' 3' NF E4 N' ' 3 F22 % @2' 4K3' ßBE1K3% @2' 3 2' B ' I @ 4@' 3' B I ' C 'FO2A' LG' @2' 4BKE F 2A' 'E2' 4 ' 2A' '' ! ' 2!' @ 3' 2EA' B ' @2' @ ' 3' 4FB I E2A' LG' @2' @' ' ' 4 ' ! 7 ' ' ! 7 ' LK ' BE' @2' 3 2' B ' @2' C 'F GFABC' B ' @2' A2'4BE' !' 'KF2E42 ' I @B' 3K 2F2A' KEA2F' 'KA K3' ' E' & ' 9 ; : ' BF' F2 K3 E1' B' 1 H2' KN' @2' 1BBA3' B ' @2' 4@KF4@!' H2F' @2' ' 'F' 3' '' @K12' F234B ' F2NF232E E1' @2' 3 ' E ' 2M 2EA2A' KNBE' ' '' F2A"@B ' 1F A FBE ' 'EA' L2 B I % 2E 2 A' FBC' @2' 2M 2F BF' B

/ E ' /' / /

@2' 4@KF4@%"" 4 GN ' 3' 3@B I E' '3' @2' 342E2' B ' @ 3' 4FK2 ' 3K 2F E13!

?' 2332A' 'KF2E K3 ' '3'@2' 'G'3 F2 4@2A' 'EA'LKN E1'BE'_@2'1F A FBE ' 3' A' B' @2' CN BK3' GF'E ' /' @2' C 2' ' 3' ABE2 ' C 'O '@'3 2'@ @2F' 'EA' 2' !' 3' BF' @2' F2'3KF23' B ' @2' @KF4@' I @ 4@' GBK' 3220 ' @2' @'EA3' B ' @2'NBBF' @'H2' 4'FF 2A' @2C' B' ' @2'H2E G' F2'3KFG!\J% $#4@% $,' #' 1 !$-!

@2' KE2F' ' B ' !' F A12 ' B ' I 2A2E' BBO' N '42' E' @ 3' 4@KF4@ ' UK G' 7-7 ' LK ' ' 2F' F23 E1' @2F2' BF' '' G2'F ' @2F' LBAG' I '3' F2CBH2A' LG' @2F' 3BE' B' @2' CBE '3 2FG' B ' '3 2 E' E' I 2A2E!' =

$EA2F' @2' 324BEA' 'F' BE' @2' F 1@ ' 'F2' 3@B I E' @2' F2 43' B ' !' F 3N E' 'EA' !' F 3N E 'E ' ?' I B' @B G' LFB @2F3 ' I @B' A2N 'F 2A' FBC' BC2' I @' !') 2E 3' B' NF2'4@' @2' * B3N2 ' E' F'E42 ' Z 2F2 ' ' 2F' @2' 2M' CN 2' B ' !' ('K ' @2G' 'LBKF2A' I @' @2 F' @'EA3 ' L2 E1' LG' F'A2' 3@B2C 'O2F3!' EA' @232' 1BBA' 3' E 3' C 'A2' 3@B23' BF' @2' NBBF' I @BK ' 22' BF' F2 I 'FA' BF' I @ 4@' @2' 'E12 3' 3KNN 2A' @2C' I @' 2' @2F ' KE ' A2EBKE42A' '3' @F 3 'E3 ' @2G' 3K 2F2A' C 'F GFABC' ' ' B 3'" ' 3BE3 ' L2 E1 ' ' 2F' C 'EG' BF KF23 ' L2@2 'A2A' LG' @2' 3 I BFA' % & ' 7BB !J ' @2' 23 H' ' B ' !' F 3N E' 'EA' ' F 3N E 'E' 3' @2 A' BE' 4 BL2F' 9\ ' @2' 'EE H2F3 'FG' B ' @2' L' 2' B ' 1 E4BKF !

?' EA' F 3N E' F 3N 'E' 3@' 'E2\|2F' 1B' LG!
FB C ' @ 3' A 'G' B' @2' 2EA E1' B ' @2' I BF A
K ' I 2' E' '3@' 'L2' F2C 2C L2F2A!' J
' % ! '! !.' !$ ' 9

@FBK1@BK ' @2' C AA 2' '123' @2' 3 ' K23' B ' (B3 A NNK3' 'EA' 2E 'EA2F ' EB I ' E' @2!' 1 ' 2FG' B ' 3 ' K23' ' ' @2' ' 4 'E

' @2' LBAG' B ' @ 3' 3 ' E ' 3' 3 ' A' B' F2NB32' ' ' !' BF PB' KBF' KC ' / @ 3' @2 ' A' 3' ' ' @2' >K F E ' !' ' ' ! BF2EPB' E' K4 E ''@ 3' 1F A FBE' 'EA' 4@ ' E3' 'F2' 3@B I E '
' U ' C23BE\3' '4F2A' 'EA' 212E 'FGV F !

) E ß ' ' /

I 2F2' O 332A' 'EA' I BF3@ NN2A' E' @ 3' 4@KF4@' KEA2F' @2' CT NF233 BE' @' ' @2G' F2NF232E 2A' 3' E 3' 322' @!' 5 ! !' @2G' I 2F2' BKEA' BE' @ 3' 3 2' I @ 4@' I '3' BE42' B44KN 2A' LG' @2' L' @3' B ' GCN '3' A'K1@ 2F" E" ' I' B ' BE3 'E E2!

@2' 3 F'E12' E' C2' B ' @2' 4@KF4@' ('E2' 2' (2FE' ' 3' 3KNT NB32A' B' @'H2' @'A' 3' BF 1 E' E' '' AB 2' B ' LF2'A' 'EA' @'C' BE42' 1 H2E' ' ' @2' ABBF' B ' @2' 'A '42E ' 4BEH2E !' E' @2' 1'FA2E' L2 BE1 E1' B' @2' 4BEH2E ' 3' '' C2A '2H' ' @BK3 2' B ' ' 9<<!' @2' 4' CN'E 2' 3' B ' :\<!

@2ß 3C ' E2 1@LBKF E1' @8 @' ' ' 4 ' ' E 0' 4BH2F3' @2' 3 2' B ' @2' NF 3BE' B ' !' ' I F2E42' 'EA' '' BKET ' E' 3' 3@B I E' @2F2' '3' @' ' E' I @ 4@' @2' L'N P2A' 4K3' (' F 4 K3' 'EA' @ 3' A'K1@ 2F' K4 ' ' I@BC' @2' C F'4K BK3 G' F' 32A' FBC' @2' A2'A!

) 2342EA E1' @2' @ ' L2 B I' @2' 4@KF4@" " E' F2' H' 2G' L2 I 22E' @2' 3SK E2' 'EA' C E' % I 2' F2'4@' ' ' @2' 4BFE2F' B ' @2' 3 F22 ' '' 3NB ' B ' NF22C E2E ' @ 3 BF 4 ' ' E 2F23 ' ' '3' @' ' I@2F2' 2FH K3' K K3' I '3' 0 2A ' 'EA' I@2F2' K '' % ' \7\ ' AFBH2' E' @2F' 4@'F B ' BH2F' @2' A2'A' LBAG' B ' @2F' ' @2F!' @2' 4K3' $FL K3' LG' I @ 4@' 2' B A' 0 E1' @'A' F2'4@2A' @2' 3NB ' 3' EB I' F2NF232E 2A' LG' @2' '' $FL 'E' I @2' 4K3' GNF K3' LG' I @ 4@' @2' I '3' 'LBK ' B' '342EA' B' @2' N' '42' BE' @2' @ ' 3N K3' LG' @2' '' U' '!' 'F '' '11 BF2!

?' 2FH K3" K K3' 'NF23' 'HB F' NF 3' 2' 4@2C E' F' 44BKF4' SK' N'F ' '4K N 2A' A2' '' 2 '' 2' ' ' 'AK' 4 ; 2' A23' 'F E23' ' 2 1E ' 2' 4K3" GNF K3' '' $FL 'E' !' =

?' ('FH2EK' '' ß2M F2C 2' AK' 4K3" GNF K3' 2' FB' K' ' 2 E' 2' '33'3'" 3 EA' N' F' 23' 12E3' A2' 'FSK E' 'KNF23' AiKE' 2C N 2' A2') 'E2!

?' ß23 ' 'FF H&' 2E' 42 ' 2EAFB ' 'K' C BC 2E ' A2' BKC2F' '' AFB 2' 2 ' A2' 1' 1E2F ' 2E' F2C BE 'E ' 2' 4K3" FL K3 ' 2' 3N K3 ' B ' @' L ' ' 3BE' N2F2 ' SK2' 23' 4@2H' KM' 3ß' FF2 2F2E ' ß' SK2' K 2 ' NBK33 2' N' F' ß C N' 2E42' 2HF2K32' A2' ß' C L BE ' 2 ' Eß' G' E ' N K3 SK+' SK2 S 23' N' 3' '' ' F2' NBKF

' / = ◊

'FF H2F' 'K' 2FC2' 'H2F 2' N 'F' 2' 4B4@2F' SK2' 2' B' 'HF2' A2' 3BE' NO◊2' 2 ' ' ''1 3 'E ' 3◊&F ''◊ / @' L 2E ' NBK332' 2' 4@ 'F' 2E' 'H 'E !◊

? 2' E 2KF F2' 3◊23 ' '44BCN ' 'K' N 2A' AK' C E' ' @' ◊2M F2C 2' AK' 4K3" GNF K3 ' 'B ' K 'A2NK 3' 2' 4K3" 42 2F' ' ''FK2' E23 2!

?' '' 2K' BK' '' F'A BE'N ' D' '42 2' F'1 SK2' 'H2E K 2'E2' N2K ' 2 F2'UKF' ◊ 3SK E' ◊ C ' 3' E24233 ' F2C 2E ' 'K' N 2A' A2' 42 2' 4B E2' 2 ' AK' C E' ' NK 3 K2 ' N 'FH2EK' '' ◊2M F2C 2' AK' 4K3" GNF K3 ' 2' 4B4@2F' ' ' BKFE2F' 'AFB 2' 2 ' F2CBE 2F' NBKF' 1F ' H F' ◊ 3SK E!' 'E2' 'K ' ABE2' N ' 3' 4@2F4@2F ' 4BC C2' LLG ' '' FK2' 42 2F' 2' 3KF' E2' A23' N2E 23 ' BK ' 4BC C2' 'E E '' 2 ' !') G2F ' 3KF' 2' 3BC C2 ' A2' ◊ 3SK E ' A◊B ' ◊BE' E2' NBKH ' ' C BE 2F' 3KF' ◊ 3SK E!

? K 2' E◊' ' ' N ' 3' 3KF' ◊ NN K3' 'E"(2 FB' E' C ' A ' E3' '' A2C 2KF2' A2' 3BE' C ' F ' C ' 3' 3KF' 2' 3N K3 ' A ' E3' '' A2C 2KF2' A2' 3BE' N@F2!' ◊2 ' ' A2' '' A2C 2KF2' FBG ' 2' SK◊2 2' ' ' ' NF2EAF2' NB33233 BE' NBKF' 2' EBKH2 ' K' FB !' =

? U2' E◊BKL 2F' ' 'C ' 3' 2' 3B F' B ' 'NF23' 'HB F' BE1 2C N3' 4 2F4@2' 2' 2K' SK ' H ' '' F BF ' A2' 2FH 3' 2 ' 2' 4F C2' A2' K 2 ' B "@"4BKN' 2' A24BKHF 3' F2E 2E ' SK2' ◊G ' 2 ' 3' ' FF H2 ' 2 ' C ◊' FF2 'E ' N 2 E' A◊@BFF2KF ' 4BC C 2' 2' 4B4@2F' A ' '' N ' FF 4 A2 ' N BE12 ' E ' A ' E3' ◊BC LF2' KE' F21 ' FA ' SK ' C ' 1F2' C B ' G' 4@2F4@ ' ' 2' 4 ' A ' HF2' AK' H 2 M' FB ' 2 ' C 2' A 3◊ / ◊2 ' ' @' X◊ J 3', ! ' # ' 3 ' ! \7!

KFE E1' B' @2' 2 ' ' ' @2' BB ' B ' @2' 3SK E2 ' I 2' EA' @2' E 2F23 E1' @8 @' ' 07 ' ! 8$ 0 7@7 ' 3KNNB32A' B' L2' @2' CB3 ' 'E4 2E ' B ' ' !' @2' BC 'E' 4@KE 23' ?' BCE KC' 244 23 'FKC' KFL 3' H2 K3 33 C 'J !' 'FA E ' ' 32C 'E ' I@B' BBO' @ 3' 2' FBC' @ 3' 4@KF4@ ' 4BE3 A2F3' ' I ' 3' @2' NF ET 4 N ' ' N ' 42' B ' I BF3@ N' E' BC2' ' 2F' 'NB3 B 4' C23 ' L2 E1' BKEA2A' BE' @2' 3 2' B ' @2' @BK32' I@2F2' !' ('K ' BA12A' !) !' : ' B' \<' I @' @2' 32E ' BF' (KA2E3 ' I@B32' 'C G' I 2F2' @ 3' F3 ' 4BEH2F 3 ' 'EA' I@B' 3' 3 ' A' B' @ ' H2' @ C32 ' 3K 2F2A' C 'F GFABC' KEA2F' 2FB!' E' @ 3' 'E4 2E ' N ' 42' B ' I BF3@ N' 'E' BF ' BFG' I ' 3' 2E1F ' 2A' LG' (K3' !' Z ' & ' : \ ' E' C2CBFG' B ' @2' GBKE12F' A 'K1@ 2F' B ' (KA2E3 ' (KA2E 'E' ' N2F@ 'N3' ' ' @2' F2SK23 ' '@+F' 3 3 2F' (F'332A2 ' I@B' 3' L2 2H2A

B' @'H2' 3KFH H2A' ' @' ' C2!' E' H2FG' 2'F G' C23' IB' 3C' ' 4@KF4@23' 2M 3 2A' @2F2 ' OEB I E' '3' ? K K3' (KA2E 3J' 'EA' ?' K3' ('3 BF 3 J' @2!' ' 2F' E' C2CBFG' B ' '' LFB @2F' B ' (K3' !' =

@2' 4@KF4@ ' I@ 4@' @'3' L22E' 3K44233 H2 G' ' 2F2A' LG' AF 'E' !' E' @2' 2 1@ @' 42E KFG ' LG' *F21BFG' ' 'EA' LG' EEB42E ' !' I '3' E' G' CBA2FE 32A' LG' 'FA E' ' '2 'E ' E' \8-!' 2' F2C ' E3' B ' 'E4 2E ' 2M 2FE' ' I BFO' 2M42N ' @2' 1F'42 K ' LF 40' 4'CN'E 2' Z ' 7< ' I @' F N2' 'F4'A23' B ' BN2E' 'F4@23' BE' 2H2FG' 3 A2' 32N'F' 2A' LG' L'EA3' B ' 2E'"4B '' CBK A E1 % 'EA' @2' ABBF' 'ABFE2A' I @' B I ' F2 2 3' B ' @2' 'CL' L2'F E1' '' 4FB33 ' 'EA' B ' '!' (F' 32A2' 'EA' 'I' (KA2E"' 'E' ' I @' @2' H'323' E' I@ 4@' @2G' 4B 24 2A' @2' L BBA' B ' @2' C 'F GF3 ' 'EA' IB' B @2F' 1KF23 ' NFBL 'L G' !' (KA2E3' 'EA' ' ('3 BF!'

JI=' @2' 4@'N2 ' BE' @2' 2 ' B ' @2' F LKE2 ' I@ 4@' 3' F21'FA2A' '3' @2' ?' K K3' (KA2E 3 J' @'3' 'E' B A' CB3' 4' N'H2C2E ' 3' A' B' @'H2' L2 BE12A' B' @2' @BK32' B ' (KA2E3!' 2F2' 3' '' L'3"' F2 2 ' LG' * '4BCB' A2 '' (BF ' ' F2NF232E E1' BKF' 'H BKF' A2 H2F E1' @2' O2G3' B' (2 2FI' 'EA' @2F2' 3' NF232FH2A' N'F ' B ' @2' ' 'F' ' ' I@ 4@' !' (2 2F' 3' 3' A' B' @'H2' 42 2LF' 2A' C'33' @2' F23 ' 3' ' ' @2' ' 2F'E ' 'EA' I@ 4@' I '3' K32A' LG' ' ' @2' 2'F G' NBN23' ' @2' C2' B ' G H23 2F!' CBE1' 2'F G' @F 3 'E' E34F N BE3' 2 ' E B' @2' I ' 3 3' BE2' B' '' BFE2 ' ' B ' @2' 'C G' B ' @2' (KA2E 'E ' I @' '' CA2' NBF F'

N2E E1' FBC' @2' 2 ' ' 3 2' @2' 4@'N2 ' B ' @2' '2 'E ' 'C G' I @' BCL3' B ' @2' 32H2E 22E @' 42E KFG!' H2F' @2' ' 'F' 3' '' L'3"F2 2 ' B ' @2' ABF' BE' B ' @2' '1 ' LG' ! 7 I' # 5 ' E' 2'4@' A2' 'F2' E2' 4B KCE3' B ' KE'4@2 '' C'FL 2!' H2F' @2' 2E F'E42' FBC' @2' E'H2' 'F2' 'E4 2E ' CB3' 43 % B ' @2' H'E12 3 3' 'EA ' B 'I' (KA2E 'E'' 4B 24 "

E1' @2' L BBA' B ' @2' C 'F GF3!' 2E2 ' @ ' 3' ' ' 1 BBCG' 'EA' E21 24 2A' H 'K ' E' I @ 4@' ' ' @2' 3 'F4BN@ '1 ' 'EA' 4B E3' B ' @2' A2 'A' '2 'E ' 'F2' 3@B I E' LG' BF4@ 1@ ! ' =

E' @2' F LKE2' 'F2' C '1E 42E ' CB3 ' 43 ' '34F L2A' LG' 3BC2' B' @2' 2 1@ @ ' LG' B @2F3' B' @2' BKF @' 42E KFG ' 'EA' 4BET 3 A2F2A' LG') 2' B33 ' '3' @2' L23 ' B ' ' '2E4 2E ' @F 3 'E' CB3 ' 43!

?' E' 4BE42N BE' 'EA' F2' C 2E ' @ 3' I BFO' 3' EA22A' 4 '33 4' 0 32' 2A' BE' ''F 4@' @FBE2' E' @2' 42E F2 ' 3' @2' 'H BKF' I @' BE2' 'FC' 2M EA2A ' 'EA' E' @2' B @2F' @ 'EA @B A E1' '' LBBO' BN2E' ' ' @2' I BFA3!' $! * # ' /--"! -' 15!### $C ' 2F' '3 'EA' !' (F'M2A 3' 'EA' (KA2E 'E'' I @' 2' G' 4FB I E3' E' @2 F' @ 'EA3' 'EA' ' '' BI 2F' 2H2 ' LK ' C BF2' E' FBE ' !' (2 2F' 'EA' ('K ' I @' 2 1@ ' B @2F' C ' 2' 1KF23 ' ' ' E' @2' ' C N G"' BI E1' 4B3 KC 2' B ''E4 2E ' BC 'E3' I @ 2' E' @2' L '4O1FBKEA' 'F2' 322E ' L2GBEA' '' NBF 4B' I @' 'F4' A23 ' H 'F BK3' 3 ' 2 G' LK A E13 ' BE2' ''FB KEA' ' 'EB @2F' '' N ' 2 B1F' C' I @' '' 1 'L 2"@2' A2A' FBE ' F24B1E P' L 2' '3' '' L 'N 3 2FG' 'EA' L '3 E1 ' @2F2 ' I 2' C 'G' L2 2H2 ' E' 'K @2E 4' 4BNG' FBC' @2' 2 'F 23 ' GN23' B ' @2' N2F BA' B ' @2' F3 ' @F 3 'E' 2C N2FBF3!' LBH2' @2' 1FBKN ' 'EA' @BH2F E1' E' @2' ' F' '' 'F12' 4FB33 ' 3 KAA2A' I @' 12C 3 ' 3KFC BKE 3' @2' @2 'A' B ' BKF' 'H BKF ' !L2 I 22E' @2' BKF' 3GC LB 3' B ' @2' H 'E12 3 3 ' B ' I @ 4@' BE2' @ ' 3' L22E' 2E F2 G ' 'EA' =B @ 2F' E' @2' 1F2 ' 2F' N 'F ' 3 '4F 42A' B' 3BC2' I F2 4@2A' '44233BF 23' ' I BBA I BFO' '4 K' G' ' B I 2A' B' 4BE42 ' ' NBF BE3' B ' @ 3' C B3 [' E 2F23 E1 C B3 ' 4X 3' B' 2MNF233 BE ' '' 32H2F2' 3B 2C E G' 3' @ ' ' NF2H' E1 ' 23N24 ' G' E' @2' NF ET 4 N ' '@2 ' A ' I @ 4@' " $!' 3' 4FB I E2A' I @' @2' E C LK 3% BE2' ' C BE1' B @2F' NFBB 3 ' 'LK ' E21' H2 ' B ' 3' @ 1@' 'E SK G!J% ,"! 3 $ 7 $- !$# % < # $ #'

23 A23' '!' (KA2E 'E '' 'EA' !' (KA2E3 % !' BH' K3' 'EA' !' F 4 K3' 'F2' 3 ' A' B' L2' L 2A' @2F2!' @B32' I @B' H 3 ' @ 3' 3 'E4 K 'FG' 2H2FG' A 'G' BL ' E' 'E' EAK 12E42' B ' 7<<<' G2 'F3 ' I @' F2C 33 BE' B ' '' @ FA' N 'F ' B ' @2 F' 3 E3' X M4 'H' BE3' C 'A2' LG' F! U!' !' ('FO2F ' E' , ; \ ' @ 'H2' ' ' L 'F2' 3BC2' E 2F23 T E1' 4BE3 FK4 BE3' L2E2 ' @' @2' 4@KF4@ % 3KNNB32A' B' L2' @B32

B ' @2' @BK32' B ' (KA2E3% '' N'F ' B ' @2' NKL 4' L' F3' B ' BH' K3 ' @2' 3BE' B ' (KA2E3 ' I @ 4@' I 2F2' E' K32' BF' 3BC2' 42E KF 23' ^ 2F' @ 3 C2 ' 'EA' '' 4@ ' CL2F' E' I @ 4@' 3' 3KNNB32A' B' @ 'H2' L22E' V@2 BF' BFG' A2A 4' 2A' LG' (K3' !' E' & ' :\!

? KLK K3' 1F22 2 ' @22 ' 'EA' 15!$.' 'EA' EK3 ' 'EA' 'KA ' ' 'EA' ' ' @2' LF2 @F2E!J % 2' 3 #% .' H!' 9 !

@2' B B I E1' '44BKE ' B ' @2' 'C G' B ' (KA2E3' 3' F242 H2A' '3' @2' 21 ' 4G' B ' ('3 BF' B' @2' @F 3 'E' 4@KF4@!

?' (KA2E I 2E ' B' @ 3' 'H BKF ' 2 ' H E1' F 3' A 'K1@ 2F3' 3 F2E1 @2E2A' I @' 4@ ' 3 G ' 'EA' 2 ' FE2A' E' ' ' @2' A H E2' ' I !' 32' 3B A' @2 F' 1BBA3 ' 'EA' A 3 F LK 2A' @2' NFBAK42' B' @2' NBBF ' [EA' N2F32H2F2A' 3 F 4 G' E' @2' BH2' B ' @F 3 ' 1K ' FA E1' E '4 '' @2' B I 2F' B ' @2 F' H F1 E G ' 'EA' BE G' 322O E1' BF' 1 BFG' E' H 1 3 ' '3 E13 ' 'EA' NF' G2F!' @2G' A23 F2A' B' @ 'H2' '' L ' N 3 2FG' E' @2 F' @BK32 ' B' I @ 4@' @2' L 2332A' (K3' EB ' BE G' 4BE32E 2A ' LK ' I @' @ 3' B I E' @ 'EA' AF2 I ' @2' N 'E' B ' @2' B C ' E!' @2E' 4' E1' E' @2 F' 3 'H23 ' LB @' FBC' B I E' 'EA' 4BKE FG ' @2' #+ & ! $ '1 'H2' L2F G' B' @B32' I @B' I 2F2' @F 3 'E3 ' 'EA' KF12A' L2 2 ' E' @2' ' @' KNBE' @B32' I @B' @ 'A' EB ' G2 ' F242 H2A' !' G' @2' 'AH 42' B ' @2' L 2332A' (K3 ' @2' ' F'E4@ 32C2E ' I '3' A24 'F2A ' I @' ' ' @2' 'E4 2E ' K3 ' 123 ' E' @2' BF' BFG' BKEA2A' LG' (KA2E3D' @2E' ' ' @2' 23 H ' 'B ' '3 2F ' N E2 G"3 M' E2BN@G 23' I 2F2' L ' N 32A3B' 4' @2E42 BF @' '332C L 23' I 2F2' 4BE3 'E G' @2 A' E' @2' 3 ' A' BF' BFG ' I @ 'E 1@ ' 'EA' A 'G' F23BKEA2A' I @' @GCE3' B ' NF' 32!' 'EG' N '1 'E3' 1 ! G' 4 ' C 2' @ @2F' B' EA' @2' ' @' 'EA' F242 H2' L ' N 3C !

?' 2 'E I @ 2' ! @2' C N2FBF' BE E2' L2 E1' E BFC2A' B ' I @ ' ' I '3' 'O E1' N '42 ' 33K2A' 'E' 2A 4 ' 4BC C 'EA E1 ' ' ' @F 3 'E3' B' A I 2 ' 'N 'F ' E' @2 F' B I E' @BK323 ' I @BK ' C M E1' I @' @2' F23 ' B ' @2' N2BN 2 ' 'EA' @ ' ' @2G' 3@BK A' F2 @2F' 1B' B' @2' NKL 4 N@BN3 ' EBF' B' @2' L' @3!' (F'M2A 3' 'EA' (KA2E 'E '' @2E'' 332C L 2A' @B32' I @BC' @2G' @ 'A' 2A' B' @2' ' @ ' 'EA' @BK32A' @2C !' @2G' EBKF 3@2A' @2C ' BF' C 'EG' A 'G3 ' I ' 4@ E1' 'EA' NF' G E1!' @2' L 2332A' L 3@BN' (K3' @ C 32 ' F2SK2E G' H 3 2A' K3' I @' BG ' 'EA' B 2F2A' @2' '4F 42' B 'E3' B' 2' 'H BKF!

?' @2E' (KA2E 'E '' I 2E ' B' * BA!' 2F' 3 3 2F' 'EA' ' I F' NN2A' @2F' E' N2F KC 23' 'EA' O2N ' @2F' 4BE42 ' 2A' E' @2' BF' BFG!' @2E ' ' ' @2' 2EA' B ' I 2E G"2 1@ ' A ' G3 ' I 2' 4GF 2A' @2F' B' @2' 42C 2 2FG' B ' (F 34 ' ' 'EA' ' A' @2F' E2 ' F' @2F' ' @2F' (KA2E3!

? 2H2E' C BE @3' ' 2F' BH' K3' A 2 ' E' @ 3' KFE!' 2' L2SK2 ' @2A' @ 3' 1BBA3' B' (F'M2A 3 ' 'EA' 3@2' @2E' L 2 1 1 2 A!S ' !' (K3' B' 2F24 ' '' K 'F' '

4@KF4@ ' E' @2' L ' @3' B ' BH' K3 ' I @ 4@' I 2F2' EB' BE12F' K32A ' 'EA' I @2F2' @2F2' I '3' '' 'F12' 'EA' 3N' 4 BK3' @ ' !' @2' L 3@BN' C 'A2' @2' A2A 4 ' BE' E' @2' E ' C 2' B ' @2' L 2332A' H F1 E' (F' M2A 3!' E' @2' 3 ' C 2' N ' 2' @2' 4BET 324F ' 2A' '' L ' N 3 2FG ' f

?' K ' ' ' @2' 2EA' B ' IB' G2 ' F3 ' '' 1F2' ' N2F324K B ' I '3' A24 'F2A' '1' E3 ' @2' @F 3 'E3' 'EA' C 'EG' B ' @2C' F242 H2A' @2' 4FB I E' B ' C 'F GFT ABC!' (F' M2A 3' 4BE42' 2A' '' 1F2' ' EKC L2F' B ' @2C' E' @2F' BF' BFG ' 'EA' EBKF 3@2A' @2C' ' 'BE42' I @' @2' BBA' B ' @ 3' I BF A' 'ER' I @' @2' I BFA' B ' * BA!' K ' @2' C N2FBF' E BE E2' @ ' H E1' 2 'FE ' @' ' @232' C 22 E13' BBO' N '42' E' @2' BF' BFG' B '(F' M2A 3 ' 4 ' K32A' ' B' L2 ' 32 ' F4@2A ' 'EA' C 'EG' @F 3T 'E3' I 2F2' 'O2E ' 23N24 ' G' @2' NF 23 ' C 2 F K3' 'EA' I 2E G" I B' B @2F3!' EA' @2' L 2332A' (F' M2A 3' 4B 24 2A' @2 F' LBA 23' LG' E 1@ 'EA' LKF 2A' @2C' E' @2' 42C 2 2FG B ' (F 34 ' ' @2' 32H2E @' A ' G' B ' @2' 4 ' 2EA3' B ' UKE2!' @2E' @2' H F1 E' B ' @ ' 'H BKF' I BFE' BK ' I @' 3BFFB I ' BE G' '3O2A' BF' A2 ' @!' 2F' 2 'F3' + EA' @2F' NF ' G2F3' F2 ' 4@2A' B' @2 ' H2E ' ' EA' G"' BKF' A ' G3' ' 2F' @2F' LF2 @F2E' @ ' A' K 2F2A ' 3@2' N ' 332A' B' * BA!' EA' ' ('3 BF ' @2' NF 23 ' @ ' H2' LKF 2A' @2F' LBAG' E2 ' F @' ' B '@2F' ' @2F' (KA2E3!' J' ( ) 3' #%!' $7 # $,' # .

2 KFE E1' LG V 342 C ' E' E2' B ' 3 F22 3' B' @2' >K ' FB' BE 'E2 ' I 2' 30 F ' BE' @2' F 1@ ' @2' I ' ' B ' @2' '' 21FBE ' 322' @!' 5 !' 2GBEA' @ 3 ' BE' @2' 2 ' 3' @2' @8 @' ' ' !7 # ' ! ' 07 ' @2' 3 F' E12" BB0 ' N ' C" F22' BH2F' @2' ABBF ' I @' '' F' H2E' N2 4@2A' KN4N' ' 'EA' IB BE3' L2T B I ' 4BC C2 CBF ' 23' @2' 3 BFG' B ' @2' 3 ' F ' I @B ' F2 F E1' B' @2' A232F ' ' ' @2' '12 B ' 99 ' H2A' @2F2' ' @2' I '3' 9 ' 2 ' E1' EB @ E1' LK ' @2' A ' 23' B ' @ 3' F22' BF' I2E G" I B' G2 ' F3 ' ' 2F' I @ 4@' LF2 ' A' I '3' A ' G' LFBK1@ ' B' @ C' LG' '' F ' H2E ' E' @ 3' '3 ' @BKF3' !' E @BEG' 4 ' E 2' B' H 3 ' @ C' 'EA' I '3' NF232E ' ' ' @ 3' LKF ' ' I @2E' GB' BE3' @ 3' 4BC N ' E BE3' 4 ' C2' B' A 1' @ 3 1F ' H2!' @2' 3K3 ' E E1' N ' C" F22' 'EA' @2' @F22' 'E C ' 3' I @B' BH2A' !' ('B B' 'F2' '1 ' E' F2NF232E 2A' BH2F' @2' ' 'F!' KF @2F' BE' @2' 2 ' I 2' N '33' @2' '' !' ' 2 ' B44KNGT E1' @2' 3 2' B ' @2' 4K3' BE1K3 ' 4BE3 A2F2A' LG') G2F' B' @ ' H2' L22E' @2' BE123 ' 3 F22 ' E' OR' 'E4 2E ' 4 G!' 2F2' 3 BBA' @2

9) 7 ' ' /

2CN 23' B ' G H'EK3 ' 'EA' B ' 2H2F ' I @' @' ' B ' (KA 4 '' (2L2 ' ' BKEA2A' ' ' 98- ' LG' F1 E '' @2' N' F 4 'E' I 2' B ' B E K3 ' @2E' 2M4 KA2A' FBC' @2' N' F 4 'E' 2CN 2' B ' (KA 4 '' E' @2' BFKC' B'F KC ' BE' '44BKE ' B ' @2F' N 2L2 'E' C 'FF '12!' ?' ' 3' ' 'F' EBE2' LK ' N 2L2 'E' C ' FBE3' B ' KET CN2 '4@ ' L 2' 4@ '3 G ' 'EA' I @B' @ 'A' L22E' C 'FF 2A' B' BE G' BE2' @K3L 'EA ' I 2F2' ' B I 2A' B' 3 '4F 42!.

@2' @8 @' ' ') 07# ' BE' @2' C E' ' I @ 4@' EB I ' 3 'EA3' @ 2 ' I6 '3' BKEA2A' LG' EEB42E ' !' E' & ' : ;!' @2' E 2F BF' 3' 4BH2F2A' I @' F234B23' B ' C 'F GFABC3!' ' 3' 32 ABC' BN2E' 2M42N ' 2 'F G' BE' KEA 'G' CBFE E13!' !' ' 2 ' ' @2F' B ' !' * 2FH '3 K3' 'EA' !' (FB ' K3 ' I '3' @2' C 'F GF' 'EA' N' FBE' 3 ' E ' B ' 'H2EE '' I @B' I '3' LKF 2A' ' H2' KEA2F' 2FB!' 2GBEA' @ 3 ' BE' @2' 2 ' B ' @2' '' A2 '' >K' FB' BE 'E2 ' 3' @2' @8 @' ' ' & 6 ' L2 BE1 G' B' @2' '3 'E' EKE3 ' 4' 2A' NB3 B@\E2' A ' !' '3 B!' 4BE ' E3' 'E' 442' BCB' B ' 8 7' G $7 ' 'EA' @2' 1 'KAG' 3@F E2' B ' @2' H F1 E' C 'F GF' '!' BF 'B '!

') G2F ' N!' 8:!

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